







Liber M<sup>ri</sup> Leonardj de dopfize  
Sacrorum Canonu baccalarej  
Collegiatj Maioris Collegij ar  
tistarj Datus pro libreria  
Artistarum Study Craconien

Se scripti repone in antiquo libro  
M. Leonardj de dopfize sacra theologie et canonum  
Baccalarius donavit domui (maiori Collegij) argentum  
vix volundum ut olla fidei qui extremum dnm  
clausit per ginta in die SS Fabiani et Sebasti  
am circa horam xxiij infelix quia ppheta  
heli sub anno Christi 1508.

508

N. Inv. 568.

Latitudo

Latitudo

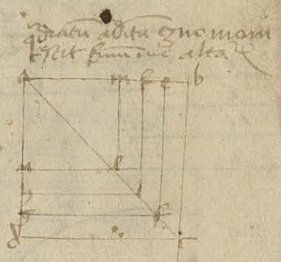
Longitudo

Longitudo

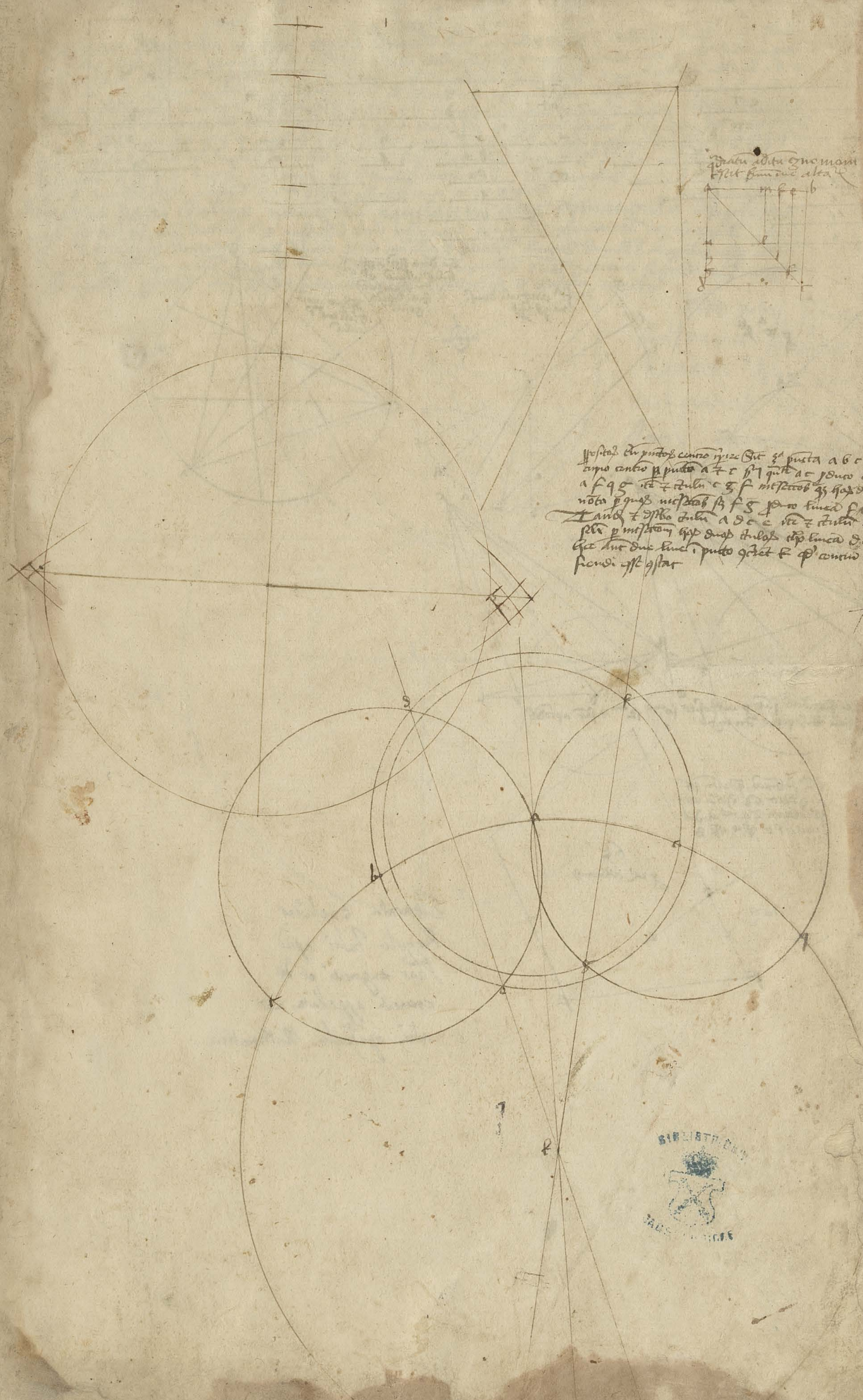
Latitudo

24





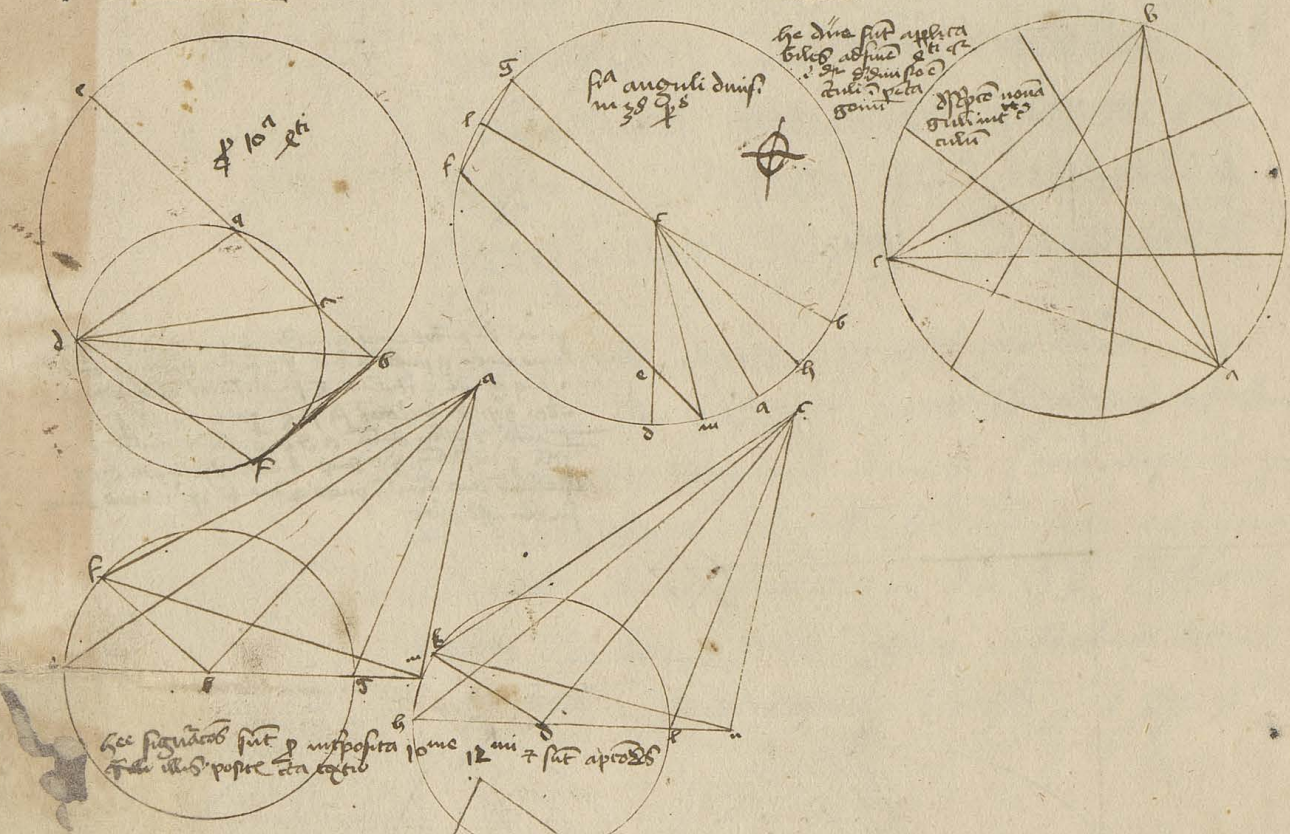
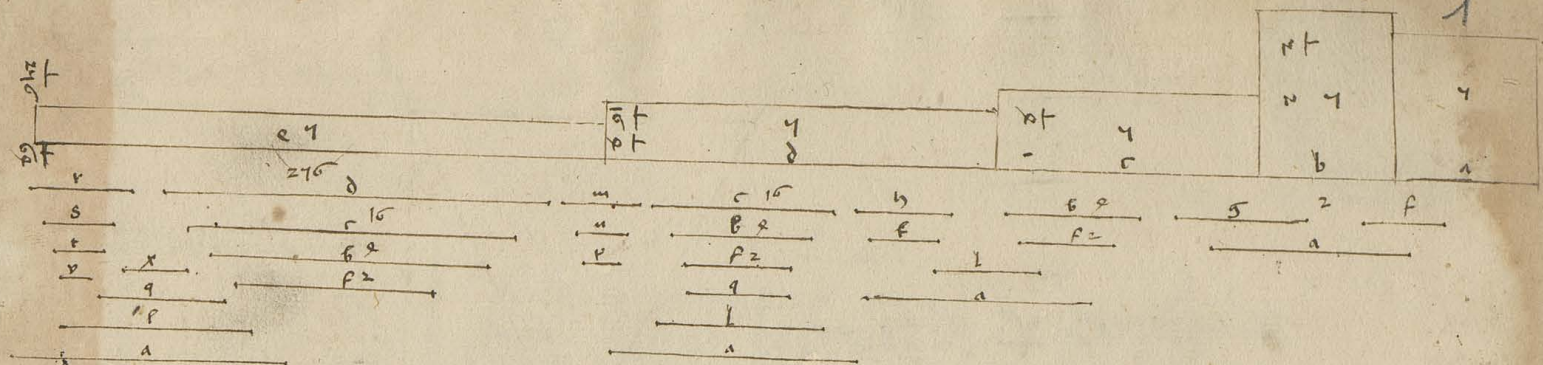
Prostat in puncto centro quare dicitur q' puncta a b c q' d  
 apud centro p' puncto a t c p' q' d ac p' dno dno  
 a f q' d ac t dno c g f m' dno q' dno dno  
 nota p' q' d m' dno b f f g p' dno tunc f f g  
 tunc t' dno dno a d c c ac t dno b d c  
 p' dno m' dno q' dno dno dno dno dno dno  
 q' dno dno dno dno p' dno q' dno t' dno dno dno  
 p' dno q' dno dno





Exa allegantur in incipita 101. II. in cludis & figura duntaxat illa & posita e da textu parte

1



hec figurae sunt q in incipita 101. II. in cludis & posita e da textu parte



Elementa Euclidis  
Regula Falsi apud  
pro augmenti et de  
crecenti appellata et  
alia opuscula Mathematica.



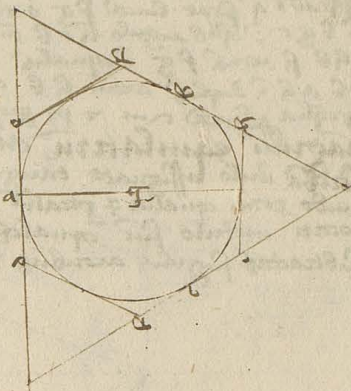
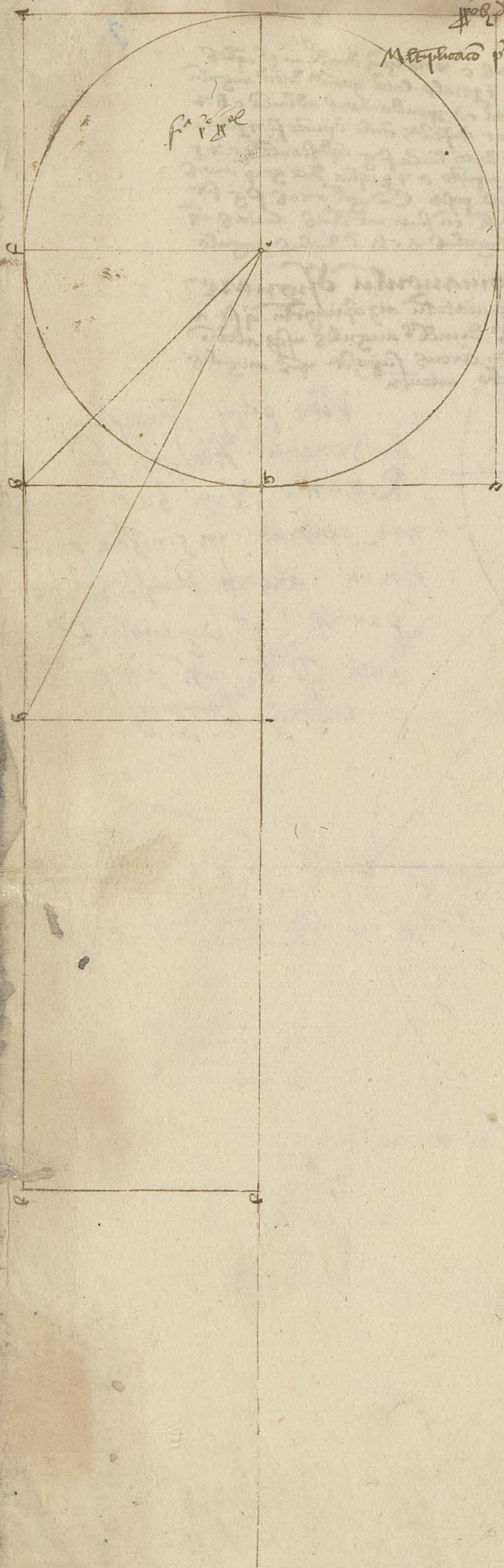
cum DC non sit perpendicularis ad CB.



propositione 2<sup>a</sup>

1<sup>a</sup> Multiplicatio hinc lineae indirectae per seipsum est eadem ambato polygoni

per seipsum polygoni quod est ambato ambato dimior per seipsum ambato tunc plus quoto quod  
hinc per seipsum ambato tunc plus quoto quod





1 m

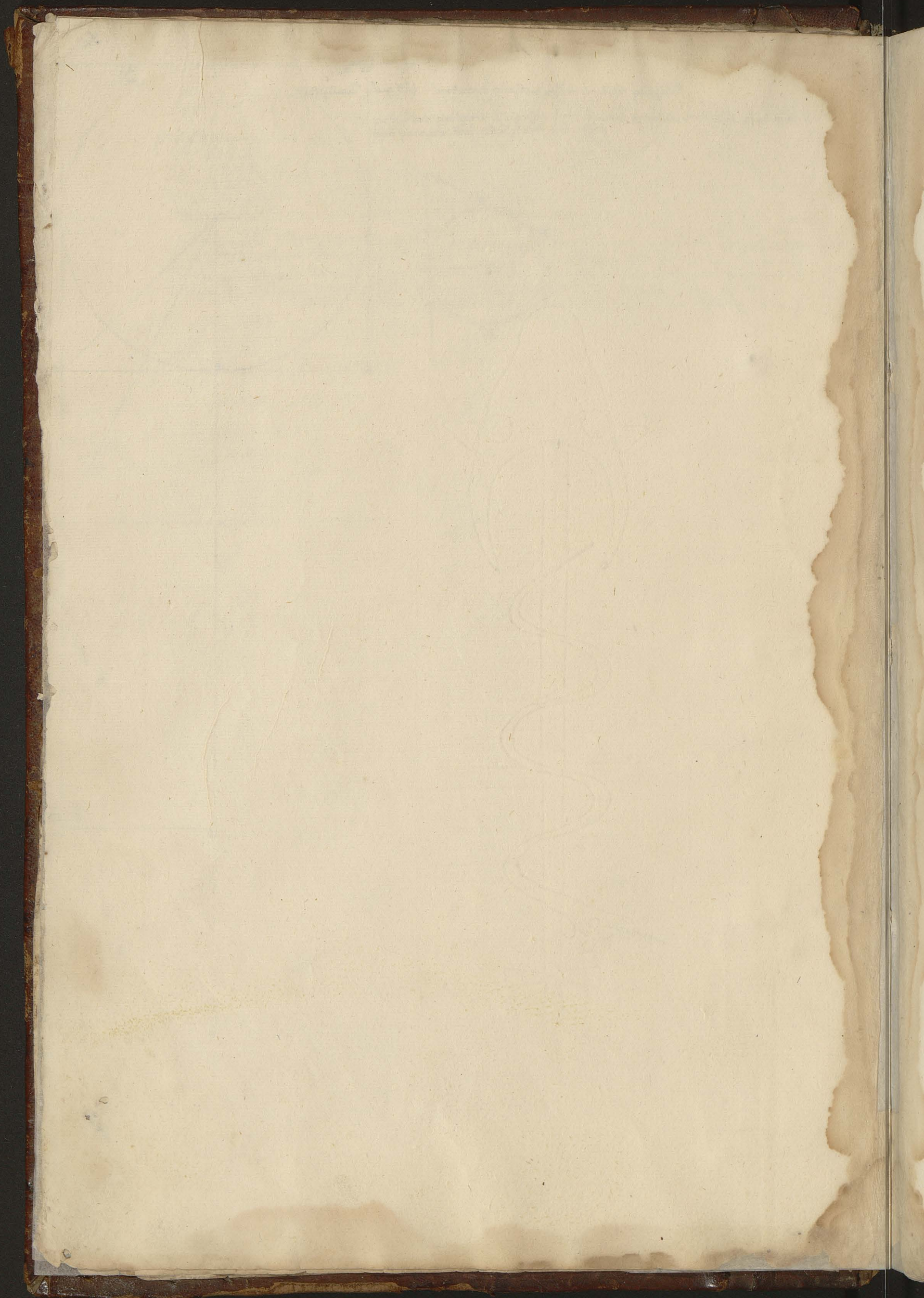
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Traslatio vocum et hystoriarum libri  
Euclidis

Mensura est quicquid ponderis capacitate. Longitudinis. altitudinis. Latitudinis. quoque sunt.  
Primum autem mensura puncti. Punctum est cuius pars nulla est. Linea vero sine latitudine et  
longitudo est. Linea vero sine puncta sunt. Recta linea est quae a se ipsa non recedit. Curva  
superficies vero est quae longitudine latitudinemque continet. Superficies autem sine lineis  
sunt. Plana superficies est quae a se ipsa non recedit. Curva superficies sine lineis continetur.  
Et dicitur linearum inter se se tangere et non indurere vacuum ad alterutrum quodlibet  
quando autem quod angulum continet linea recta sunt tunc obtusius angulus vocatur  
Cum vero recta linea sitis super recta linea dicitur quodlibet sibi fecit angulos rectos  
et inter angulos. Et linea super rectam linea stans perpendicularis dicitur.  
Obtusius angulus maior recto est. Acutus autem angulus recto minor est. Figura  
est quod sub quoque vel aliquibus lineis continetur. Similis vero quod cuius est similes. Circulus vero est  
figura quae plana et circumducta est et sub una linea continetur quae circumferentia vocatur ad quam  
apertum quod inter signum et positum est. Omnis qui incutitur recte linee subdividitur per equalitatem  
hoc vero punctum centum dicitur nominatur. Diametrum autem dicitur de recta quae linea per centrum  
ducta et ab utroque puncto inclusit dicitur terminata quae duas partes aequales facit. Secans  
linea vero est plana figura quae per diametrum et ea quae diametrum apprehendit circumferentiam continet.  
Rectilinea figurae sunt quae sub rectis lineis continetur. Trilatera quod figura est quae sub tribus est  
lineis continetur. Quadrilatera autem sunt quae sub quatuor. Similiter vero mensuralis est linea  
quae per aliquam obliquam a quo terminatur obliquam. Multilatera itaque figura est quae sub pluribus  
lineis continetur. Equilaterum est triangulum quod tribus est latibus quodlibet. Isosceles  
autem quod duo terminus latera sunt quatuor. Scalenum vero quod tria latera sunt quodlibet. Amphigono  
dicitur figuram orthogonam quae triangulum est quod habet angulum unum rectum. Amblygono  
autem est obtusius habet angulum. Oxigono vero est quod habet angulum unum acutum. Quadrilaterum  
vero figuram est cuius terminus quod est quadrilaterum autem triangulum. Parallelogrammum longius vero est quod  
rectangulum quod est quodlibet quodlibet. Rhombus vero est quod quadrilaterum quod est est triangulum  
non est. Rhomboides autem est quod angulum collocatas terminus atque angulos sunt equeles non  
sunt. Trapezium autem est quod angulum collocatas terminus atque angulos sunt equeles non  
sunt. Parallela est aliter dicitur linea incutitur quodlibet plana super collo  
cate atque utrumque punctum dicitur non per se. Perpendiculum vero sine postulata ut  
veteribus placuit dicitur quod per punctum ab omni puncto dicitur punctum recta  
linea dicitur per punctum. Secunda ut descripta est linea dicitur terminus. Tertius per punctum  
autem admonet. Tercia omni centro et omni spacio dicitur dicitur per punctum. Quarta  
omni rectos angulos sibi quodlibet est. Quinta autem per duas rectas lineas  
linea est incidentis inter duos angulos et dicitur per punctum dicitur recte fecit  
inter duas lineas incutitur punctum adeat per punctum duo inter duos angulos duo  
lineae dicitur inter se per punctum.







beatus fign  
elegifign  
fign miferic

4a  
Trianguloꝝ opdytu  
anguli q̄ adbasim p̄  
q̄ p̄. vna p̄

[illegible]

a 72 **P**ropositis duabus lreis Teqilibz de longior eaz equaliz breuiori absindere  
 Sūt due lre dūc ab 7 c d ab mior volo ex c d absindē vna q pt ēlis a b q pto  
 c pthā hāz eqle a b pūq donit pcedū q pt c e pōto 7 rē pto c d pba āli  
 pūq ite c e q pmbut l. q c d pt 7 ut pcedi 7 pto f c it l. c e p d l. c e q abe exant  
 a rē end' tūh ad tūfēz q 7 qz utiqz illaz duaz l. qz a b 7 f c 2 d l. c e pē n' pē ēles

¶ Om̃ duoꝝ t̃inglōꝝ q̃z duo latēa vniꝝ duobꝝ latibꝝ altꝝ p̃ eglia qd̃ ē p̃p̃onitū  
 Duoꝝ anguli illoꝝ illis egl̃s latibꝝ incluyt egl̃es fuerūt b̃as̃ b̃as̃ eīt egl̃s ⁊  
 it̃iqꝝ anguli p̃ut r̃p̃p̃itūt eglia latēa eīt egl̃es ac totus t̃riangulꝝ toti t̃añlo  
 Est duo t̃añla a b c / d e f / p̃qꝝ lat̃a a b ēle lat̃a d e ⁊ lat̃a a c ēle lat̃a d f ⁊ āguli a  
 egl̃ āgulo d / Dico qꝫ b̃as̃ b c ē ēl̃ b̃as̃ e f ⁊ āguli b āgulo e f āguli c āgulo f qd̃  
 p̃ p̃baꝝ / **Supponā** t̃añla a b c / p̃i t̃añla d e f / it̃ qꝫ āguli a m̃it p̃i āgulo d ⁊ lat̃a  
 a b p̃i lat̃a d e lat̃a a c p̃i lat̃a d f / **P̃** r̃ōp̃os̃ p̃erit̃e q̃re p̃os̃ / qꝫ n̄ lat̃a n̄ āguli p̃  
 excedūt / eo qꝫ āguli a ē ēl̃ āgulo d ⁊ lat̃a p̃p̃onitū h̃iꝝ q̃ p̃p̃onitū p̃ p̃p̃os̃ / p̃m̃  
 ē b c m̃it p̃i ē f / e i ⁊ l̃a b c m̃it m̃it p̃i l̃a e f p̃ p̃p̃os̃ / **Ca. ii.** l̃a b c p̃p̃os̃  
 l̃e e f / n̄ excedūt eā n̄ excedūt ab ea ē ei egl̃ p̃ p̃erit̃as̃ q̃re p̃os̃ / et end̃ r̃ōe aul̃ b  
 eīt ap̃at āgulo e ⁊ āguli c āgulo f / **e i** at l̃a b c p̃i l̃a e f n̄ m̃it / s̃ m̃it it̃ aul̃  
 p̃d l̃a e f / n̄ eīt p̃d l̃a e h f / **tr.** due l̃e it̃e t̃andꝝ p̃i p̃os̃ / qd̃ ē q̃t̃ ul̃t̃as̃ p̃erit̃os̃ /

¶ **Q**uod si tangit duum eglum laterem angulos qui supra basi sunt esse note est  
 ¶ **Q**uod si eorum laterum directi pertrahantur fient quod per basi duo anguli tunc equaliter  
 ¶ **S**it tunc ab c m latum ab sit de latum a c duo qui anguli ab c et el' angulo a r b q p p  
 trahantur a b et a c usque ad d et esset angulus d b c et el' angulo e r b per tunc enim ab et a c per  
 p r a h g ad de a c et per p r h a l a s e b et c d et intelligatur duos tantos p a b e t a r d  
 quos p b o et e q l a t o s et e q a n g u l o s ¶ **E**t enim duo laterum ab et a c tantum ab e et l i a duo  
 laterum a c et a d tantum a r d ¶ **S**i autem e p r i t p p r a et b a s b e et el' basi r d et a n h d a n o  
 et a n h a b e a n o a r d ¶ **I**tem intelligo duos tantos d b c et e r b h i p s l i c p b o et e q a n g  
 et e q l a t o s n a duo laterum d b et d c tantum d b c ¶ **S**i et l i a duo laterum e r et e b tantum e r b  
 et a n h d a n o e r b et p p r e t et b a s i b a s i et e l i q a n g u l i e l i q a n g u l i et a n h d b r et el'  
 a n g u l o e r b et h o et r y p p o t u p q a n g u l i p b a s i p r e t et a n g u l i d r b et el' a n o e b r  
 ¶ **S**i totum a b e et el' totum a c d ut p r i e t a n h a b c i p d u g et el' a n o a r b i p d u o q u o r  
 uterque est supra basin ¶ **E**t hoc est p r y p p o t u ¶ **I**tem q u a d r a t u m a l i t p p r i p o p o r p r i t z a n o s p a l l o r t a n o s p a r d

**S**i duo anguli aliquorū tangenti ēles fuerit / duo q̄ latē en illos rppinētia ēlia est  
ha ē quia pisse q̄m ad pma ptez ei<sup>a</sup> pit oīz tām ab c m duo āguli b + c p  
eqleq / dno q laty a b ē ēle lati a c / si oīz nō s̄ alia / est altiy man / et sit a b / qd  
ipore ad elinte ac pzay / ut sit pflm ad pte a / et ipoe i punto d / ptez db l.a ēl  
ac / et dno l.a d c / intelligo ē duos tam loī ab c + d b c / hīs pbo ēē eqan. loī et eqlatōf

Snd; bragiōdīn ex 4<sup>a</sup> & 6<sup>a</sup> p<sup>o</sup>o  
 q<sup>i</sup> q<sup>i</sup> ois figūa āgūlais & latūm  
 p<sup>i</sup> sūt cōlatū & cōangula & q<sup>i</sup>  
 p<sup>i</sup> cōgula & cōlatū ex<sup>m</sup> p<sup>i</sup> sū  
 q<sup>i</sup> dūgula p<sup>i</sup> q<sup>i</sup> dūlatū p<sup>i</sup> cluū  
 hūm & dū q<sup>i</sup> nūslatū & p<sup>i</sup> p<sup>i</sup>

no autē dñi p̄p̄re latē q̄o adūro q̄ m̄ latib⁹ an<sup>tu</sup> nō q̄stut  
 ⁊ s̄ p̄ idē latē r̄ppit autē q̄d m̄ alio latē ⁊ an<sup>tu</sup> nō q̄stut





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diffinitorum anguli rre + hiee pceduntur qd qd  
 3<sup>a</sup> Ois rre hiee pyp rraz hiee stans duo utrobisq anguli si rra a duo rre eqles  
 Eit qd la a b set si la c d qd p fuit pyp ea pceduntur fuit duos angulos rre p qis  
 diffinitorum si at no fuit p a pceduntur a pto b edum e b pceduntur p c d p u rre  
 duo anguli e b r + e b d rra p qis diffinitorum la duo anguli d b a + a b e adeq  
 angulo d b e ipi rra angulo r b e ead elos duos rre qre 3 anguli qd d b a a b e r b

13<sup>a</sup> **O**is rre hee pyp rras lieaz stahs duo unobiqz aguli si ra a duo rras eqles  
 Eit qd la a b set si la c d q p fiat pyp ea ppedi<sup>us</sup> fit duos agulos rras p q r p  
 diffinios si at no fiat p ea ppedi<sup>us</sup> a pto b edum<sup>us</sup> e b ppedi<sup>us</sup> p c d p u<sup>us</sup> rras  
 duo aguli e b r r q b d r a p q r p diffinios la duo aguli d b a r a b e a d e f  
 agulo d b e i p r a agulo r b e e f r r p duo rras q r e z f aguli q p d b a b e z e b

A geometric diagram showing a trapezoid with vertices labeled 'a' (bottom-left), 'b' (bottom-right), 'c' (top-left), and 'd' (top-right). The diagonals 'ac' and 'bd' intersect at point 'a' (labeled with a superscript 'a' in the center of the intersection). The top horizontal side is labeled 'c' at its left end and 'd' at its right end. The bottom horizontal side is labeled 'a' at its left end and 'b' at its right end. The left vertical side is labeled 'c' at its top end and 'a' at its bottom end. The right vertical side is labeled 'd' at its top end and 'b' at its bottom end.

Lies R<sup>u</sup>ales p<sup>r</sup> le cre<sup>u</sup>atio<sup>n</sup>

ul' tñs alim līe  
līe gñales sñ līe gñāz ab eodē tñ

11

5 f

7

8 *ms. g*

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le  
p9

3

10

A geometric diagram showing a triangle with a horizontal base line labeled 'a-b'. A vertical line segment, labeled 'd', extends from the base line upwards towards the top vertex of the triangle.



12<sup>a</sup>

1

10

17

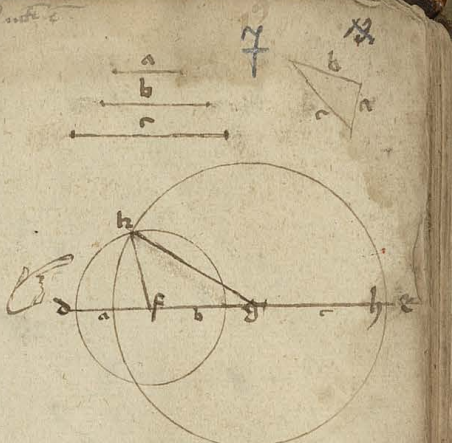
A close-up photograph of the fore-edge of a book. The image shows the binding material, which appears to be a dark, textured cloth or leather, and the edges of the pages, which are a light, aged color. The book is positioned horizontally, and the focus is on the thickness of the volume.



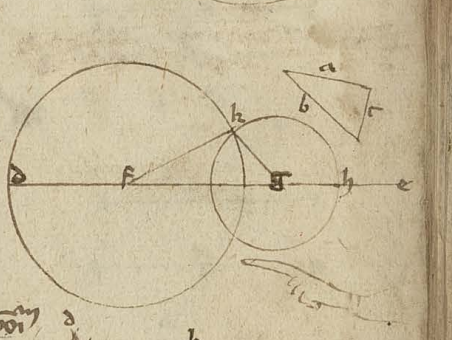




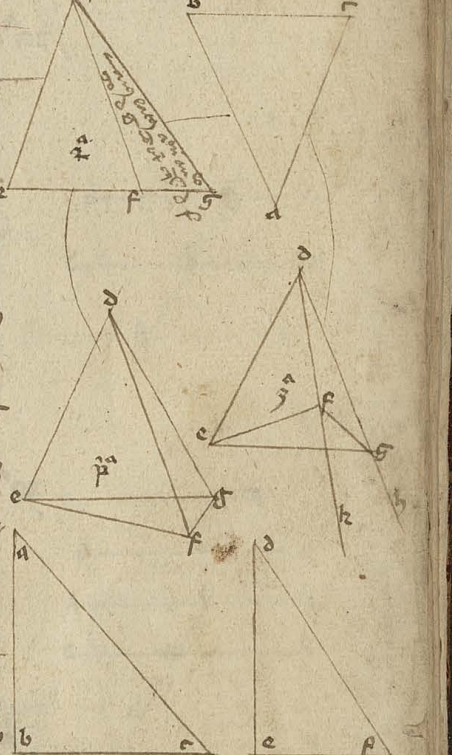
**22<sup>a</sup>** Propos. Ebus rns hns qz due qlibz pl' uute st' eliq' logioes de tbo alys rns  
lieis pbi eglibz tanguli qstutere. Sit res hce rre pposte ab c / z pt qh due pl'  
uute logioes rliq' alit' em ex tbo eglibz tan' uo qstut' p 20<sup>a</sup> / Cu' ex tbo eglibz  
volo qstut' tan' pno hqz rns q pt de cui no pono sine apte e / d qua pno p 2<sup>a</sup>  
d f e l e a / z f g e l e b / z g h e l e c / factoz f r e t / d p b o f q p t e f d a l i q' d h p t u f i o g  
r e t d p b o f q p t e f g h a l i q' d h p t u f i o g r e t d u o p u n t i s q p v m u p t l z a l i o q z  
p e v n a d a t u r l e q e e l e g a l i s d u o p l' u n t i s a m a i o r e i s q d e q u a p o p t o r q m p  
u o d i f f e r e t p e t t a q u i g e t p e t l a f g e i t e l d u o h e i s p d f / z g h p d i f f e r e t a l i q' p u t  
a n s e r a v m u p t i b i t n e a n s e r a v a l i q' z f g e i t m a i o r r l i q' d u o p d i f f e r e t a l i q' a d  
i n g e r o p t e h e f g / q r i a r e t d u a s a n s e r a s a l i q' q d e q p o p t o r d u o t h a s h f z h g  
e i t q t a n l i f g h q s t u t u r e x t b o h e i s e g l i b z h e i s a b c d a t i s p t e n f d z f h e l e s t q  
a r e o a d a n s e r a v q z g h e e l c / p l i e q z f p u p t u f u t e q u a l i s p p o p t u



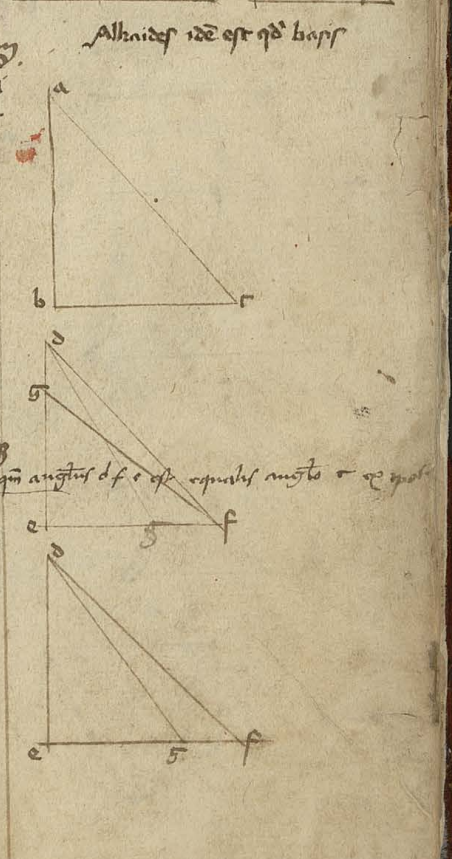
**23<sup>a</sup>** Data hca rra pyp tim ey aulibz pposito angulo equu angulu designade  
Sit data hca p e / z p t l e b a q u e n t e s a g u l u d a t u a u p t e n d a b a p c / p t p u n t i f l e  
e f u b e n e f a r e a g u l u e l e a g u l o d a t o a d h q z e p a d u n g o p d e l e g h e e a u p p e f a  
e f e l e b / z e x f e p u f g e l e b / z e x g e p u o s h e l e c / z p u p p u n t i f t g e q b o  
d u o s a u l o s d h h k p y q t e z d u o p l i q z p d z g h a n s e r a s p e t p u n t o h p d d o r u t  
p r e s p d u t i p q h e i s h f z h g d u o l a t i h f a p g t a n l i h f g e i t e l i a d u o l a t i b z  
a z b t a n l i a b c z b a p s g h b a p i c g o p g o z a n l i h f g e i t e l a l o g i e t o a b a z b q d e p p o i



**24<sup>a</sup>** Om duoz tanglor qz duo lata vni duoz alia fuerit eglia si fuerit agulor  
pub illis latibz qstoz alter alio maior bap qz eoz bap alius maior erit  
Sit duo tan' a b c d e f p t qz duo lata a b z a c e l i a d u o l a t i b z d e z d f v m u q d z  
p u o r l a t o p t o z a n l i a m a i o r a g u l o d d i c o q b a p b r m a i o r e i t b a p e f f r a z e u  
m u d o r t u a p r e f a n l i e d g e g l e a n l o a e i t o z a n l i e d f p p e i n z p o n d g e l e  
a c z p t h a e g l a t i p b i t p u p e f u t p o r t l a z d f a p e f u t p t p e n l a v n a a e  
i n f r a p t a n t p u o p u p t p h a d l a f g z q a b z a c l a t a t a n l i a b c p t e l i a e d  
z d g l a t i b z t a n l i e d g z a g u l o a g u l o d t o l i e i t p e g h g b a p s b r e g l i s b a p e g  
A t u o q z d g z d f p e l e s u a u t q z e l a r e i t p e g h g b a p s b r e g l i s b a p e g  
d g p e f g q e d f g m a i o r e f g e g o e f g m l t o f r a z m a i o r e e o d e f g e / g o p 18<sup>a</sup> l a t  
e g m a i o r e l a t e e f q z e z b r m a i o r e f q d e p p o i t u e i v o e g t i p a t p e f z  
p t l a m a i t e f e i t p p e g p u l t a z z g r e p r o z p z p p o i m / S i v o e g t i p a t p e f  
p t h a d u e l e d f e d g q p e g l e s u t p t i e m p a d h z a d h p a t p z p p t e q p f o  
b a p a n l i h f g z f g h e l e s p e a n l i e f g m a i o r e a n l o f g e i t p 18<sup>a</sup> l a t e g m a i o r  
e l a t e e f q z e b r m a i o r e f q d e p p o i t u m a i o r u l t a z m a i o r p p b a p z 21<sup>a</sup> p p a t  
e u e i p d i p p o e z a d u e l e d e z e g m a i o r e d u o d f z f e z q z d g e l e s d f  
p p t h o r q a b e p e l e s a c z e g m a i o r e f q z e z b r m a i o r e o d e q d e p p o i t u  
l u p t i q z t o u o s t i d e p o r n o u t i a p b a r i o e a r g u a p q u i t a

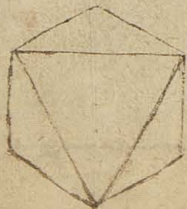


**25<sup>a</sup>** Om duoz tanglor quoz duo lata vni duobz latibus alia fuerit eglia  
bap v o v m g bap alius maior fuit / Angulus tan' maioris alia de egs  
latibus qstoz angulo alia se r p p i e t e m a i o r e i t / Sit duo tan' a b c d e f  
p t qz duo lata a b z a c p u n t i a d u o l a t i b z d e z d f v m u q d z p u o r l a t o  
p t qz b a p b r m a i o r b a p e f d i c o q a g u l u a m a i o r e i t a n l o d z h e q u i p p o i t e g l  
q d e z n o e i t p r e u e f f p e g b a p s b r e l i s b a p e f q d e q p o p t e f u m a i o r q  
p e f f d m a i o r z i t a p p r e t z b a p e f m a i o r b a p b r q d e q u i p p o i p r o p a s t u t g o



**26<sup>a</sup>** Om duoz tanglor quoz duo anguli vni duoz agulis alia fuerit eglia  
egles fuerit / latibus vni latia alia egle / fuerit lat illud t' duoz agulos eg  
les a v m e o z o p p o i t u e i t qz duo v m g r l i q' l a t e a d u o b z r l i q' a l i a t a n g l i  
l a t i b z v m u q d z p e r p p i e t e e g l i a a n g u l o z r l i q' v m g a n l o r l i q' a l i a e g l i s  
Sit duo tan' a b c d e f p t qz agulz b e l a n l o e / z a n l i c e l a n l o f p t qz l a t  
b r e l e l a t e f a a l i a d u o z l a t e z a b z a c e l e a l i d u o z l a t e z d e z d f i m  
q a b p t e l e d e a a c e l e d f d i c o q r l i q' d u o l a t a v m g e i t e l i a d u o r l i q' s  
l a t i b z a l i a z r l i q' a n l i z e l i s r l i q' a n l o p a n l i a a n l o d p o n a d i p u t l a t b r  
p q d i a r e t a n l i b r p t e l e l a t e f p q d i a r e t a n l i e f q p o p t p e l e s a n l i b r  
C u r d i c o q l a t a b p t e l e l a t d e z l a t a c l a t d f z a n l i a a n l o d p e u l a t a b  
n o p t e l e l a t d e e i t a l i a m a i o r p t i m a i o r d e q d r e p a b o a d e g l i a a b p t  
e g e l e a b p p d u a l a z g f e i t o z p e g a n l i g f e e l a n l o a r b q z e a n l o d f e  
p s t o t q d e t p o g l e i t z d e e l e a b g p e g d f e l e a c z a n l i d e l a n l o a q d e  
p u n t u m b z d i f f a r i s p p o i t e / Sit r u r g u t p u s d u o a n l i b r e l e s d u o a n l i e f





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6<sup>a</sup> Si licet rā in duo eñlia didat/ alia vō ei ī lōgū licet addat/ qđ sit ex  
ductu ton9 iam ppositē in eaz q̄ adiecta est/ sū eo qđ ex ductu didie ī seppā  
fit equū ē ei qđ rāto qđ ab ea q̄ qstat ex adiecta ē didia ī seppā ducta de pñ  
Fit hā a b d i p p ēlia ī pñto c/ e i q̄ addat hā b d duo q̄ dñt qđ pñ r d e f ēle e c i  
qđ sit ex pñ ad ī b d ī ēto c b/ p d i m ā ī pñto ēto d i a h d e ī l i q̄ b g e q̄ d i pñte d f q̄ m  
d i a h d e ī l i q̄ b g ī pñto h/ a q̄ p d i m ā e q̄ d i pñte h e a b q̄ pñ m h pñs d f ī pñto m  
ī r e ī pñto l ī p d i m ā h e q̄ d i pñte c l e i q̄ p pñ q̄ p' a l ēle c h f c h ēle h f p pñ q̄  
p' ī a l ēle h h f g additō c m n e b u g/ e i a m m g l ēle t o t i ēto c f ī q̄ m h d u a p  
pñ r i e y l g ī b m ē ē l i p c o r i m q̄ e h q̄ p pñto/ V sū eo qđ ex ductu alii pñ

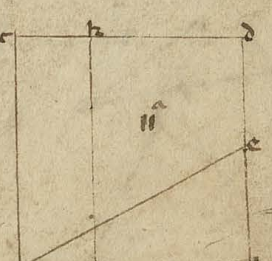
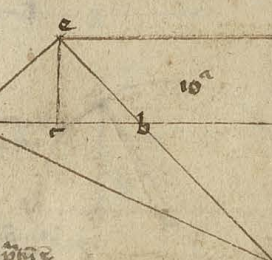
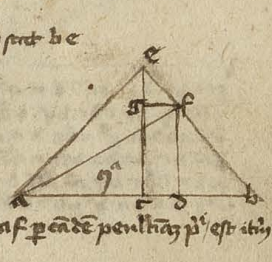
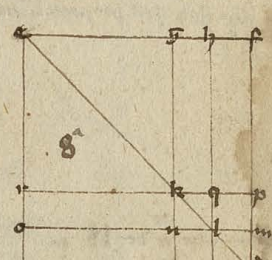
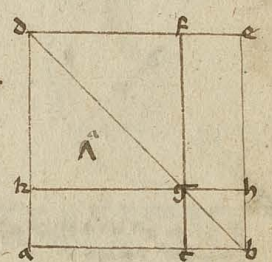
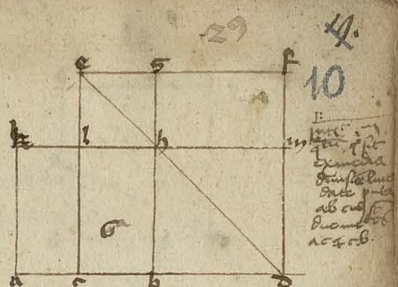
**A** <sup>1</sup> <sup>2</sup> <sup>3</sup> <sup>4</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>8</sup> <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup> <sup>13</sup> <sup>14</sup> <sup>15</sup> <sup>16</sup> <sup>17</sup> <sup>18</sup> <sup>19</sup> <sup>20</sup> <sup>21</sup> <sup>22</sup> <sup>23</sup> <sup>24</sup> <sup>25</sup> <sup>26</sup> <sup>27</sup> <sup>28</sup> <sup>29</sup> <sup>30</sup> <sup>31</sup> <sup>32</sup> <sup>33</sup> <sup>34</sup> <sup>35</sup> <sup>36</sup> <sup>37</sup> <sup>38</sup> <sup>39</sup> <sup>40</sup> <sup>41</sup> <sup>42</sup> <sup>43</sup> <sup>44</sup> <sup>45</sup> <sup>46</sup> <sup>47</sup> <sup>48</sup> <sup>49</sup> <sup>50</sup> <sup>51</sup> <sup>52</sup> <sup>53</sup> <sup>54</sup> <sup>55</sup> <sup>56</sup> <sup>57</sup> <sup>58</sup> <sup>59</sup> <sup>60</sup> <sup>61</sup> <sup>62</sup> <sup>63</sup> <sup>64</sup> <sup>65</sup> <sup>66</sup> <sup>67</sup> <sup>68</sup> <sup>69</sup> <sup>70</sup> <sup>71</sup> 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8 <sup>a</sup> Si linea in duas partes dida<sup>2</sup> / eiq<sup>3</sup> in logu<sup>3</sup> eq<sup>3</sup> h<sup>3</sup> vni didiciu<sup>3</sup> adiungat<sup>2</sup> qd<sup>3</sup> ex ductu totius iam q<sup>3</sup> p<sup>3</sup>orte in seipm<sup>3</sup> fiet equu<sup>3</sup> est h<sup>3</sup> n<sup>3</sup> q<sup>3</sup> ex ductu p<sup>3</sup>oris h<sup>3</sup>ec in ea q<sup>3</sup> adiuncta e<sup>3</sup> quater / et ei qd<sup>3</sup> ex ductu alio<sup>3</sup> diuidentis in seipm<sup>3</sup> fiet /

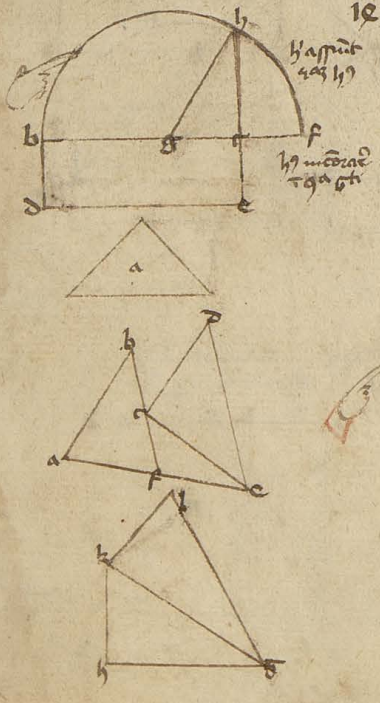
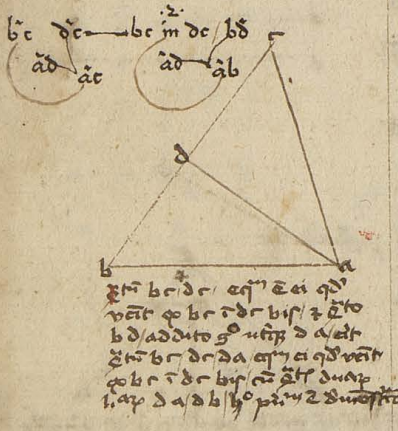
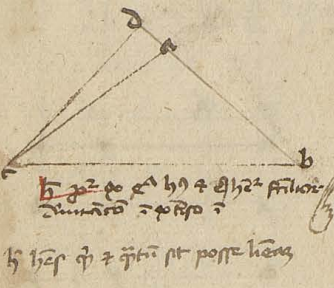
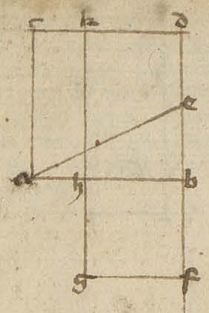
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10 **S**i licet in duo equalia diuidatur ei q in logu alia addit etu qd desibi  
a tota cu addita etu qd ab ea q addit est utiq qdrata piter accepta ei q  
qd a diuidia ei q qd ab ea pducit que ex adiecta didia q qdrat utiq qdr  
pit acceptis dupla esse nate est. **E**nt 1<sup>a</sup> a b dpa p dha r / z addim f li b d dno  
q duo qm duar lary a d z b d pit accep dupla si duos qhs duar lary ac z ed pit accep  
**S**ig r e p p r q si lary ab / z ele utiq lary ac z r b / z p p r o taur a e b d dntis lary a e  
z e b dntis ut i p p r utiq aguloy a z b / z utiq cor q si ad e metas r n p z q / z p q / p  
totiq erit / A p r o e p dno ef eile z end dntis r d / z p dno f d z e b q r n q r n t i p dno  
s / z p dno lary a s e i t q p u l t i q p r q r n p r a n h r e f i n / f a n h r e b z m e t a s r n s a n h  
b e f z p l l m e t a s r n / z q p z q end f d z e l r e e i t q p z q q d a n h f i n / f p z q q n  
e i t a n h e g f m e t a s r n / **E** p p d n t q d b s p l l m e t a s r n p p r o a n h b a s z r n / g p o r e n  
duo lary ef f s p r e l i a p p dno lary d b z d s p r e l i a / g p p o r i t i q n e t i e g / e d u p l i a d  
e t i e f q r e a d e t i e r d p p e a d e t i a e e d u p l i a d e t i a r / z q e t i a g p o r e e e i l e  
e t o a e z e g p l l q z e t o a d z d s / z e t i d s z e l e e t o b d a t dno qm duar lary ad  
z b d pit accep dupla duos qhs duar lary ac z r d pit accep qd e p p o r i t i h a t p p o  
z o q p r e d e t e f p r e d i a u a i p u e t t e / z u i n t q h z m i n i s p d o h e i s u r p a t e b i t i n p o r t i s



vintz 11<sup>e</sup> 2<sup>e</sup> p<sup>r</sup>  
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h a e ele eto b h p d n o g h u p p ad h q e r e d i n s a r q r l a d b d i n e p e l i a t e z e  
f addit h a b p e r p o r h q q d f r e x d f r b f a i e t o e b e l e d i o e f q i e e z b o e a c u n e p  
p e n t h a p i z h s d u a y l a y e b z b a g o d p t o a b u t p p z b o l e e b a r q d f r e x d f r b f z  
h z e p i n e s d g e l e d i o l e a b g o d p t o a b u t p p a l e l l o g n o d h e t e h h f e l e p a l l o g n o  
h e r z q e d i n h f e z h i l e h b z p a l l o g n o h e p d u n t q a q e e l a b m a h q e e p o r o m i o r

**In** hys tangul qui obtusu hant tato ea obtusu pcedit an abob / **Propo**  
f l i q s l a t i b u s q o b t u s u c o n t i n e t a g u l u a m p l i u s p t q n t u e s t q d q n e t b i s  
p b v n o e o r a t q e a f d i r e q u i d a a d o b t u s u a n g u l u a p p e n d i c l a r i e x t d e p h e d i t

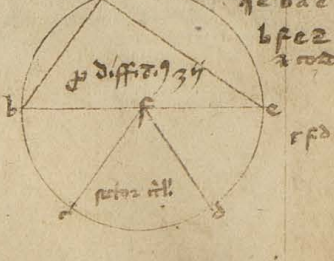
**Ex** t a n h a b c h y s a n a o b t u s u z a p u n c t o c d u n t h a p p e d i t a d h a b a q m i o a c c e  
e x t a n h a b c a l i o q a n h o b t u s u q f i r i n u m o r i n o p u a p i d i t e r d p p e d i t p l a y  
a b z p d u n t l a y a b u p p a d d i d u o q i d i t l a t i s b c q d p b e d i t a n o o b t u s u t a n u m a n e s t  
d u o q i d i t d u a y l a y a b z a c a b i c a n u p p a n o o b t u s u q n t u e s t q d f r e x b a t a d b i s p o  
f e n a c u l e e x p u e t e h y d i t h u p o p e l a q h q i n i p e d u n t p d u n t e n p e q h y d i t  
b d e l e d u o q i d i t d u a y l a y b a z a d z d u p l o e n q d f r e x b a t a d z q e d i t b c p e n t h a y  
p i z e l e d i o b d z e l o d e r p u n t e t e l e d i t f i r l a y b a a d z e d z d u p l o e n q d f r e x b a t  
t a d f i p a d e y e n a c e l e d i t d u a y l a y a d z d e r g o d i t b c e l e d i t d u a y l a y a b  
z a c z d u p l o e n q d f r e x a b t a d d i r e b c t a n o a p l i p p d u a y l i e s b a e t a c q i n i d u a y  
d u p l a e n q d f r e x b a t a d p a c u d i x n a p o p e l a y q i n i p e d u n t p d u n t q d z p p o i

**Q**u o r i g o n i t a n u e a q a c u t u i p p i r i t a g u l u a b o y l a t i b a n g u l u a c u t u q n e n t i b  
m i n p t q n t u e s t q d q n e t b i s p u b v n o e o r a n i p p e d i t i n t r a p i p s t a t e a q  
p u p t e q p p e d i c l a r i a n g l o q p i t e r i a r e t l e d h p p o i d l a t e p t e p o a l i n u a n o a c u t o

i n a n o o r i g o n o v i n t e y h y d l a t e p t e p o a n u l a n o a c u t o t o i n a n o p i f u t o r t o g o n i p a p l i  
g o n i p i o r i g o n i p e t i t a n o a b c q n t a n u l f u t a n u l c a c u t u q p f u t o r t o g o n i p a p l i  
p p e d i t a b u t a n o y a n l b a d u t i n g b a p b r u l a c q n i p r f u t p m d i t p e r f a  
t a n u l e r a t a p l i g o r o r t o g o n i a b a n o o b t u s u n l r o d u n t p p e r f a t a n u l a d l a t o o h  
q d m a f i y e m d e t a n u l e t u t p p d i n a n o t a n o d u o f t a n u l a n u l u n d e t a l f e o r  
d u o y a n o y q p a z b a c u t u d u a g o p p e r f a d i n l a y q d u o y a n u l i f i a r e t i t e n t  
t a n u l a b c a n u l b p t a n u l d u a t a d b c p p e r f a d q u t d i n e m d i t a t a n u l d u o f  
q e t a b q d p b e d i t a n o a c u t o t a n o m i e d u o y d i s d u a y l a y a r z e b q i n i d u p l a  
e n q d f r e x b c r d e r v l d i r o q e t a a c q d p b e d i t a n o b q p o p u l a c u t u q n p f u t  
d a n o a l a t o m i e d u o y d i s d u a y l a y a b t b c q i n i e d u p l a e n q d f r e x b c r b d  
f i t e n p a y h y d i t b c n i d e r e l e e i q d f r e x b c r d e r b i s z e t o a l i y p t i s b b d  
q u a d a d d u o u t i y e t o a d e t e n b c n i d i s d u a y l a y a d z d e r e l e d i t d u a y l a y  
a d z d b z d u p l o e n q d f r e x b c r d e r p e n t h a y p i z t o a r e l e d i s d u a y l a y  
a d z d e r e l e d i t b c n i d e r a c e l e d i s d u a y l a y a d z b d z f i l o e n q d f r e x b c r d e r  
f i p a d e y p e n t h a y p i z t a b e q n i e d i s d u a y l a y a d z b d z e t a b c n i d e r a c e q u i  
e t o a b z d u p l o e n q d f r e x b c r d e r t a n u l t a n o m i p t a b d u o y l a t i b y b c z a c q i n i  
e d u p l a e n q d f r e x b c r d e r q d e p p o i n e n l m o p b a b a c l a t y q d p b e d i t a n o b  
a n o y p o p e m u y t a n o d u o y l a t i b y a b z b c q i n i e z l e n q d f r e x b c r d e r b n o a t p  
h a r z p r e d e t e z p e n t h a y p i q o g t i s l a t i b y o i s t a n u l q o g n a r e a e n e t a n u l a b y  
t a b l i s a z a r t h e l i s a n t a b l a y d r o r d a z a n u q o g n a r e o e s e n a n g u l u s i n l a a z a r t h e l a y  
t a b l a y d u p l a y a p e r u v a i p e f r e z p a l a z y d r e z e t a n u l a b y e n e d e z

**D**a t o t r i g o n o e q u i q d r a t u d e p t e x h o r m a n f e s t u e s t i n l i b e t f i g u r e r e t h i  
l a t y t e t r a g o n u a c a r e n e n d e z f i g u r e t o t u i n e n p o s s e q r m l z e t a r e a f a l i p r i p t

**S**i t d a t o f i g u r a n u n o s v o l u e q u a d i t q u i d e p t e x h o r m a n f e s t u e s t i n l i b e t f i g u r e r e t h i  
e l e f i g u r o d a t o p r i q d o r e x p i p t p i p e s i l a b c d e t u n p i l a t a f u e r p e l i a h a b e r  
q d q i n i p a e i t e t a p a l a t a p t e t a l i a t a d u n g a m i y i p o p m a n o i p r i n t h i  
p t q l a e f e l m i o d u o y l a t e y q d z e e a d u n t a m a n o i q d e b c p r i n t h i t o t a b f  
d i c a p e l i a i p t o g z f i d g r a t p l i a y b f p r i p t e y l e b g d p t a p a r t i d u b h f  
z l a t y e p d u n t u p p a d e t a n u l a y p a t o h d u o q e n i l e c h z e l e f i g u r o d a t o  
p d u n t g h z q l a b f d i a z p e l i a i g z p e l i a i r e i t p q h y q d f r e x b c r p  
a i d e r g e l e d i o g f q u a r e z e t o g h q i r e p e n t h a y p i z d u o y d i s d u a y l a y g r  
z e h g o d p t o p a z e t o g r a t h d f r e x b c r e f e l e d i o l e c h q i r e d i n l e c h z e l e f i g u r o d a t o  
q d e s t p p o i n t i t u o q p h y d u e n t l a t y t e t r a g o n u m h a l t a p t e l o g i o i s z p p l i o i s f i g u r  
i n l i c e q n i y f u t q u i o e s f i g u r t l e y t a n u l o s i p o l u e n t z m q p a l l o y t a n u l o y m e i e n l a t y  
t e t r a g o n u m l a t y e t a p e r p r d o r t u a i p i n z m e i e n p e n t h a y p i l a y n a d q p o s s i t  
o n a l a t a t e t r a g o n u m t u e n p r o v o l o n e m e i e n l a t y t e t r a g o n u m h a e f i g u r a n g u l u s  
a d e t a r e f i p o l u a n a t a n u l o s q p a b f z e d e i z e f i t r e d q p r d o r t u a i p i n z  
l a t a t e t r a g o n u m i p o y f i g t a n u l o y q p g h h k z k l z e g o h k p p e d i c l a r i p s g h z p d u n t  
g h e i t q p e n t h a y p i z t a g h e l e d i s d u o y d u a y l a y g h z h k z t a n u l a t y h l e r i g o  
p p e d i c l a r i p l i n e a g h z p d u n t h a y g l a t q p p e n t h a y p u n t g l l a t y t e t r a g o  
m i n t o r n s f i g u r p p o s s i t e t h i d e z h b f u l d i s e n q u e t o t a n p a d m o d u o i s e x p o r t o i s q





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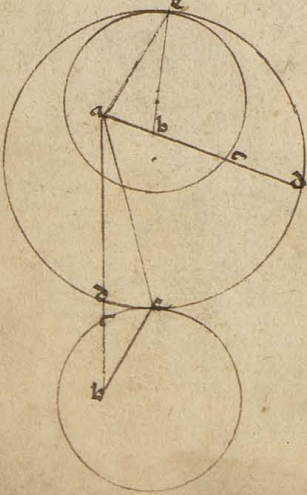
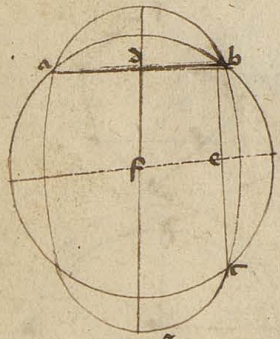
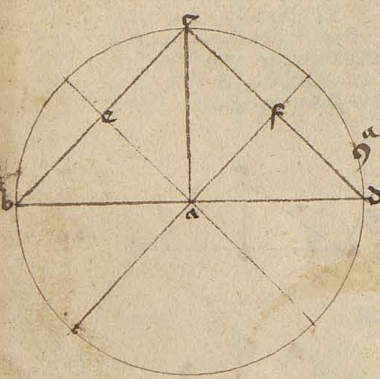
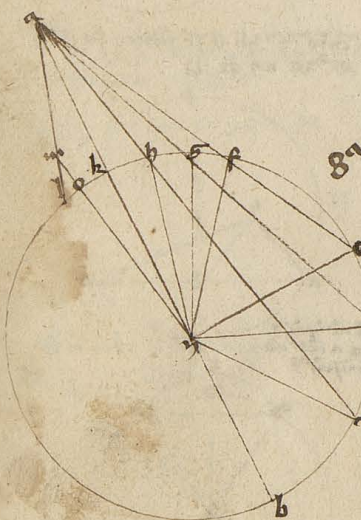
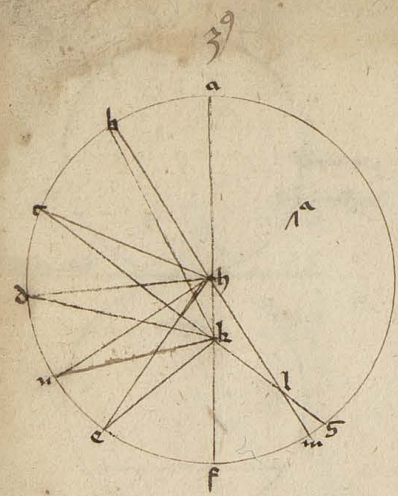
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[illegible]

*In m diamet ali punct pē rētz pignēt t ab eo ad cūfencia linee plu  
rime ducant q sup rētz trāpēt eī om lōgiffia q vō diamet pfiat*





omn breuiffia q at cent p p m q o r e s c e t i s l o n g i o e s q i t o v e o a c e n t i m o r i o e s  
t a n t o b r e u i o e s e s s e q u e r t d u a s q e q d i s t a n t e s l i c e b r e u i p p e c o l l a t i o n e s e q l e s  
e s s e n i t e e s t i t u t d i a t a p a t i a b m c e t i s p t h z p u n t y p t i n h p t r e t a q d u m p l u m e  
l i c e t a h b h c h d h e h f h g a d m f e i n a z h i p o n t h a p r e t h h t h f p t q p l e n t d i a t i  
p i t q u a t h e z h g e d i s t a t h f t a m h e h f p t e l a n t o p h g d i o q h a o m e l o g i p p a z  
h f o m z b u i p p a p h e v o t a t o l o g i o e s q i t o r e t p p q o r e s u t h b z l o g i o r h c z h c l o g i o r  
h d z h d l o g i o e s h e t h g s t e l e s p h a h a l a s h b h c h d z h e l o q e m t a n t o b h t d u o  
l a t a b h z h t p z o m p i p m a i o r l a t e b h z i p a e l i a h e a t e i t a k m a i o r b h z e n d r o e  
m a i o r o m a l i p z i p z p r e t p t a n t o e h t d u o l a t a h t z h e p e n d e s p m a i o r l a t e  
h e q d z e l e h e h f i p a e i t m a i o r l i e h f z e p t a q i l a q z h t i m a i o r h e m a i o r h f  
e n d r o e q z a l i a z e i t m a i o r i p a z i p z e r y m e q z d u o l a t a b h z h t a n t b h t p e l i a  
d u o l a t a b h z h t a n t c h t z a n t b h t z m a i o r a n t o c h t e i t p z o m p b a s b h  
m a i o r b a s c h e n d r o e c h m a i o r e i t h d z h d m a i o r h e q d z e r y m e q z d u o l e h g  
z h e u d p e l e s e i t a l t a m a i o r p t q z h g d q p u n t a h l e l e h e z p d u m h l u p p a t  
m i p p a t p u n t m z q z p p o t a t a n t g h f e e l a n t o p h e e i t p z o m p r a u l h h  
t a n t l h h e l a n t o e h t t a n t e h h z q d u o l a t a l h z h t t a n t o l h h p e l i a d u o l a  
t i b z e h z h t a n t o e h h g p e q p b a s h l z e l i s b a s h e z q z h m z e l i s h e e i t  
h l e l i s h m q d z i p o l e p u n t i t d u o l e h g z h e e l e s q d z e r y p o t a t

h e p t d i a t  
u t m i p

8<sup>a</sup> Si ex t a n t u p u n t o p i g n a t o a b e o a d m f e i n a z l i c e p l u m e a n t u p e n d o d u e t  
q p i p r e t t i p e i t e i t o m l o g i p p a c e n t a t p p i q u o e s c e t i s i m o r i o i b l o g i o e s  
l i c e v o p r a l e s a d m f e i n a z e x t i p p a p p l i c a t e e a q d i a m e t e r a d i a c e t m d i a m  
o m z m i m a e i q z p p i q u o e s i m o r i o i b b r e u i o e s d u e v o l i c e q b r e u i p p e u t i q  
e q u e a p p i q u a t e q l e s p u t i t u t a p u n t o a p i t o e x a n t u b e d m c e t i s p t y d u m  
l e p l u m e a d m f e i n a z a n t u p e n d o q p i t a t y b a h c a g d a f e d i o q a b h i p e s p r e t o i  
e i t l o g i p p a z q a c z m a i o r a d z a d m a i o r a e z q a t z o m q u i t a t b u i p p a z q a h  
z m a i o r a g z a g m i o r a f z d i o q p i d u m a l i m q i p a z a h z e l i s d i s t a t a b a h h o f t  
e q a n t h a b p t e l a n t o l a t a q i p a e i t e l e s p d u m e n a a t a n t h l f u e n d m c u f  
u g t u h e i t q p z o m p i d u o l a t a a n t u r t a n t a n t m a i o r a c z q i p a p e l i a a b  
e i t a b m a i o r a c e n d r o e e i t m a i o r o m a l i p q d z e p r y z q z d u o l a t a a n t u r t a n t  
a n t p e l i a d u o l a t a b h z a n t u d t a n t a n d z a n t a n t z m a i o r a n t o a n d e i t p z o m  
p i b a s a c m a i o r a d z e n d r o e e i t a d m a i o r a e q d z e r y m e q z t a n t o a h h d u o  
l a t a a h z h u p e m a i o r a n t p z o m p i z h y z e l i u k e t p q e i p r a y a h m a i o r a h h o f t  
r o e q l z e x t i p p a p p l i c a t e m a i o r e i t a h q d z e r y m e q z p z o m p i d u e l e a h z u h  
p m o r e s d u a s h e i s a g z o m p i z h y z e l i g r e i t p q e i p r a y a g m a i o r a h e n d r o e e i t  
a f m a i o r a g q d z e r y m e q z p a l u d p t e l i s a h h e i t p e i t e l i s d i s t a t a b a h e i t  
a l t a m a i o r p t q a l p o n t a m e l e a h z p d u m u o m q z i d u o l a t a m a t y a t a n t  
m a n u p e l i a d u o l a t a b h z a n t a n t a n t h a n t a n t m a n u e l i s a n t o h a n t a n t p e q  
p i b a s u m e q l i s b a s u h z q z i t o z e l i u h e i t u o e l i u m p p t o t q d z e p p e l i s z e r y

9<sup>a</sup> Si m t a n t u p u n t o p i g n a t o a b e o p l u e s q d u e l i c e d u c t e a d m f e i n a z f u e r i t  
e q l e s p u n t u i l l u d c e n t e a n t u e s s e n i t e s t i t u t a p u n t o a p i t o i t a n t u b e d  
d u c t e p t z h e a b a c a d a d m f e i n a z q p o n o e e e q l e s d i o p u n t u a e s s e n i t a l i  
p d u m e n d u a s l a s c b z d r d i a n u t i n g e n t p e l i a c h q d e s p u n t o e i t d e r p u n t o f  
z p d u m e a z f a q p p l i c a t e m f e i n a z e x u t i p p e e i t q p z o m p i u t i p a n t o q p i t a d e  
e l i s a l i g o p z o m p i u t i p e r y p t i r q p e r y u t i p a n t o q p i t a d f e i t i n g p p o r t a p e  
h y q z a e d i d i t c b p e l i a z o r t o g o a l i t i p a t i p t p r e t q r e t e e r e t e p l i t q a f  
t i p t p r e t q z d i d i t d e p e q l i a o r t o g o a l i t i p u d e s t a h p u n t y q i t u t i p l i u p a  
q z e a e i t r e t q d e s t p p o t a t d u o b u s t a n t u l o n s p e n e n e c e s s e e s t i t u t p

10<sup>a</sup> Si a n t u s a n t u p e r e t m p o l e p t d u o a l i c e n t e s p e p l i b l o n s q d u o l p u p  
i t p u n t a a b z c z p d u m l a s a b z b r q d i d i t p e l i a p u n t y d z e z p d u m a p i t o  
e h e s p p e r e s p t h a z b c z a p a d d l a s p e r e p l i a b z p o t p e i l l e d u e l e e f t  
d f i p t o f e i t q p o r t a p e h y p u n t a f e t a t a l i u t i p q d z e p p o l e p q a h y

11<sup>a</sup> Si a n t u s a n t u p e r e t m p o l e p t d u o a l i c e n t e s p e p l i b l o n s q d u o l p u p  
i t p u n t a a b z c z p d u m l a s a b z b r q d i d i t p e l i a p u n t y d z e z p d u m a p i t o  
e h e s p p e r e s p t h a z b c z a p a d d l a s p e r e p l i a b z p o t p e i l l e d u e l e e f t  
d f i p t o f e i t q p o r t a p e h y p u n t a f e t a t a l i u t i p q d z e p p o l e p q a h y



12 Si autem autem quatuor puncta extrinsecus sit in unum loco puncta quatuor nunc est

Si autem sit puncta quatuor quatuor puncta extrinsecus sit in unum loco puncta quatuor nunc est

13 Recte licet si in circulo fuerint quatuor puncta a centro equidistantia et si a centro

equidistantia quatuor puncta nunc est Si in circulo a centro equidistantia et si a centro

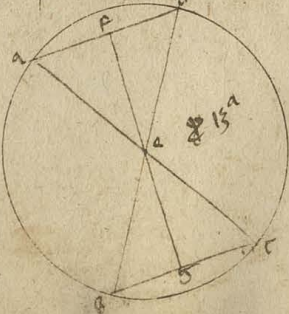
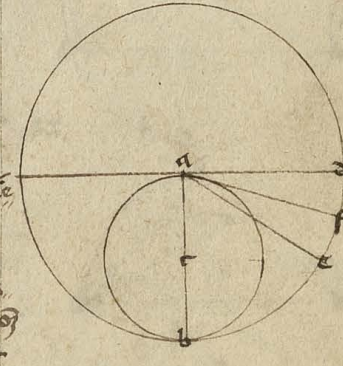
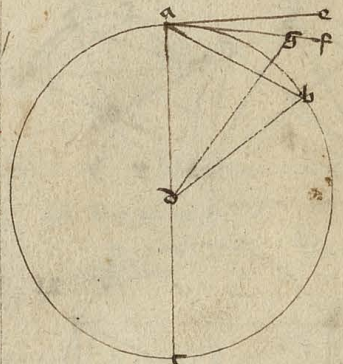
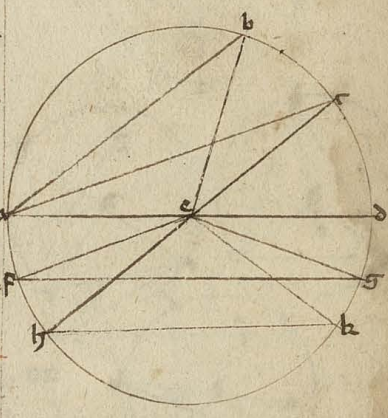
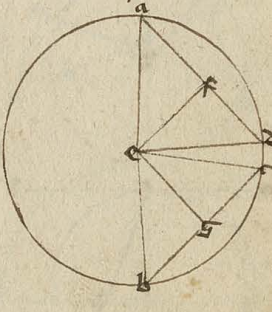
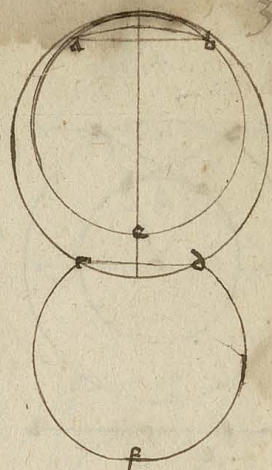
14 Si in circulo plerumque licet recte recedant diametri et quatuor puncta maiores et

nunc est Si in circulo a centro equidistantia et si a centro

15 Si ab alio tunc nunc est atque in illa et autem alia caput est in puncto anguli

at ab illa et autem alia caput est in puncto anguli

at ab illa et autem alia caput est in puncto anguli



















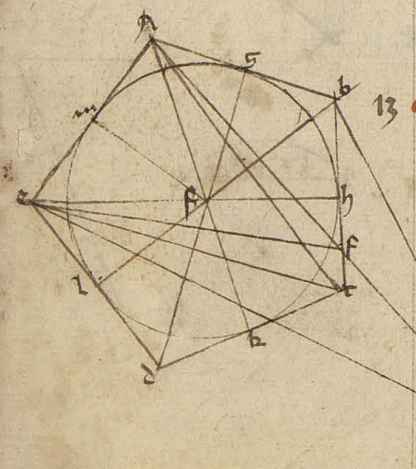












Secundū linearū qualit' fiat

[illegible]







In rebus diffinitis

Quia huiusmodi idem est in multis et in multis  
p. vultus

$\frac{a}{b}$	$\frac{r}{d}$
$\frac{h}{g}$	$\frac{a}{36}$
$\frac{h}{g}$	$\frac{b}{36}$
$\frac{h}{g}$	$\frac{r}{36}$
$\frac{h}{g}$	$\frac{d}{36}$

[illegible]

ipi figure dunt hic fiet inf. tunc figura duplo plin later q. eir. eglata p. 289 24  
 50 a esaula. **h**o eni dunt hic e p. 19 q. h9 q. ois. fia. elata tunc ipi. 2 er. eaula. **Et** q. har p.  
 tunc ipi. 2 er. eaula. **Et** q. har p. 12 q. 14 q. 14 q. h9 q. **Et** q. har p. 12 q. 14 q. 14 q. h9 q.  
 goni. 2 p. octogoni. duodecagoni. 2 p. duodecagoni. fig. 22 lat. 20 q. ipi. duplato.  
**Et** lig. p. tunc possit ut ia. dupl. 2 p. octogoni. octogoni. posut. h. h9 q. ipi. dunt. 2 p. 14 q. h9  
 ex q. posut. posut. p. tunc. **Et** p. 14 q. q. ipi. 2 p. 14 q. q. ipi. p. h. 2 p. 14 q. q. ipi. later. inf.  
 e. p. 14 q. p. p. 14 q. q. ipi. 2 p. 14 q. q. ipi. 20 lat. p. q. q. ipi. duplato. **Et** q. 14 q. q. ipi.  
 d. quidecagoni. p. 14 q. eni. p. 14 q. fig. 20 lat. 20 q. 20 q. q. ipi. duplato. later. **Et** q. 14 q. q. ipi.  
 fig. 20 d. q. ipi. no. 20 q. ul. q. p. har. no. h. 20 q. diff. 2 p. 14 q. p. 14 q. ul. p. 14 q. q. ipi.  
 no. 20 q. ipi. 2 p. 14 q. q. ipi. 2 p. 14 q. q. ipi. dunt. 20 q. lat. 20 q. ipi. 2 p. 14 q. q. ipi. 2 p. 14 q. q. ipi.  
 ipi. eff. ad. 2 p. 14 q. q. ipi. 2 p. 14 q. q. ipi. ut. p. 14 q. q. ipi. 2 p. 14 q. q. ipi. 2 p. 14 q. q. ipi.  
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 posito. ut. q. an. ad. h. ut. ipi. ad. 2 p. 14 q. q. ipi. p. eni. 2 p. 14 q. q. ipi. 2 p. 14 q. q. ipi. 2 p. 14 q. q. ipi.  
 no. lat. ipi. figure. q. 2 p. 14 q. q. ipi. 2 p. 14 q. q. ipi. 2 p. 14 q. q. ipi. 2 p. 14 q. q. ipi. 2 p. 14 q. q. ipi. 2 p. 14 q. q. ipi.

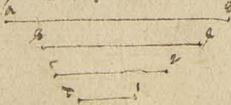
pari qm pnt ppe p h est q aliquoties ppta pnt tota ppe qstnt m di  
mores ul' arguto t d' pnt tota mte pnt d' m' p q pnt ad p' q qstnt  
tale at pte q' mltiplicatua d' m' h diffint Reg pnt qnt p' e q' qstnt  
mior q' d' pnt ppta pnt tota m' d' m' qstnt q' ag' m' d' m' eo q' m  
alia pnt d' m' tota qstnt p' p' at q' pnt ppta pnt tota pnt no p' d' m'

¶ pars de rilatōe ad totū ē ī istis duobus exēpīs q̄stōe adūmre rilatō ē idē diffinitō mior  
q̄mō diffinitō h̄ mior v̄m̄t at ip̄ m̄l̄plex p̄ h̄ q̄ n̄q̄ agnēs s̄p̄tū ip̄ q̄stōe ē t̄  
q̄mō rilatōe d̄m̄ adūmre p̄ ē m̄l̄p̄ n̄a d̄r p̄ est s̄m̄l̄plex ut p̄ p̄ q̄ diff̄n̄

[illegible]

proportionalitas est similitudo proportionū. **¶** Et si dim<sup>9</sup>/q ē p<sup>9</sup>portio a ad b/e (equit<sup>9</sup>  
 erit p<sup>9</sup>portio c ad d/p<sup>9</sup>portio i q ē n<sup>9</sup> a i b/pl<sup>9</sup>ic illi q ē int<sup>9</sup> r i d/h at p<sup>9</sup>litudō q ex istis p<sup>9</sup>portio<sup>9</sup>  
 iplurib<sup>9</sup> dicit<sup>9</sup> proportionalitas nota i h est dicit<sup>9</sup> int<sup>9</sup> p<sup>9</sup>portio<sup>9</sup> i p<sup>9</sup>portionalitate q ex d<sup>9</sup>is app<sup>9</sup>

Quantitates q̄ dicūt h̄re tōtūaz p̄pōrtālitatēz s̄ q̄u eq̄ multipli  
q̄ aut equa sūt aut eque sibi s̄ m̄t̄rupōe addūt a' m̄m̄uāt

[illegible]



18	16	{ 29 mo 9 }
a 9	8 7	
b 3	e d	
30	26	

30 20



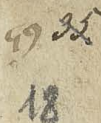
2a	1970
8	21
2	18
2	12

$\frac{22}{12}$        $\frac{21}{9}$   
 $\frac{6}{7}$        $\frac{3}{10}$

Christi tunc que non differt  
et pler tunc qd 3l

 $2^A \text{ msc}$ [illegible]





pot' rāp' q'ualē  
 modū q's p'edi p'or  
 q'morū q'ht' p'orū  
 21

3 9 21 81 3 3 3

3 3 3 3 3 3 21 3

Xp'iant en q' d'is ad q'ht'  
 q'p'orūalitate

2 6 12 28 2 3 6

mōu/

$\overline{a \quad c}$        $\overline{b \quad z}$   
 $\overline{r \quad s}$        $\overline{d \quad j}$

Handwritten musical notation on ten staves. The notation includes various rhythmic values (e.g., 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100) and notes (e.g., a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z). The notation is written in a cursive style, typical of 18th-century manuscript notation.

Sunt quid pōit

Appt<sup>r</sup> m<sup>r</sup> q<sup>r</sup>e t<sup>r</sup> h<sup>o</sup> 40 lib<sup>o</sup>  
pou diff<sup>o</sup> q<sup>r</sup> m<sup>r</sup> diff<sup>o</sup>  
cho<sup>r</sup> s<sup>t</sup> q<sup>r</sup> lap<sup>o</sup>ib<sup>o</sup>

Solunt obiectioz

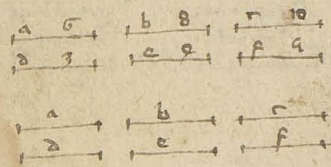
Handwritten musical notation on a five-line staff. The notation includes a treble clef, a key signature of one sharp (F#), and a time signature of 12. The melody consists of several measures with notes and rests, some marked with 'a' and 'b'.

[illegible]

$\begin{array}{cccc} \text{7 } a & c_2 & b & a_{18} \\ \text{9 } b & & r & F_{14} \\ \text{6 } r & f_2 & & \end{array}$

$\begin{array}{c} \text{7 } a \\ \text{9 } b \\ \text{6 } c \end{array}$







$\begin{array}{ccc} & 30 & \\ \hline 28 & 12 & 15 \\ \hline 29 & 5 & 8 \\ \hline 18 & & \end{array}$

toner

a b c d e

f g

$\frac{16}{12} \frac{e}{a} \frac{12}{8}$        $\frac{12}{9} \frac{f}{c} \frac{18}{12}$   
 $\frac{2}{3} \frac{6}{2} \frac{2}{5}$        $\frac{3}{2} \frac{2}{5} \frac{5}{2}$

$\begin{array}{c} c \\ a \\ b \end{array}$ 
 $\begin{array}{c} f \frac{2}{2} \frac{2}{2} \\ \frac{1}{2} 8 \\ 2, 2 \end{array}$

1	1	10	100	20	100
2	2	8	12	100	100
3	3	2	10	100	100
4	4	2	2	100	100
5	5	10	2	100	100
6	6	2	12	100	100

Interdū p̄p̄os ē si fuerit dñe  
q̄t̄ q̄t̄ vna sit p̄s alius s̄tm  
h̄atq̄ p̄s a sua totū p̄q̄ s̄t̄h̄  
a p̄te totū p̄s q̄m ip̄a s̄it totū  
tūc ip̄dua h̄z se p̄lit p̄ p̄e

a — e — b 526441  
f — d — 5 1000000  
1000000

$\begin{array}{cc} 12 & 12 \\ d & c \\ p_1 & \begin{array}{c} 5'12 \\ a \end{array} \\ & \begin{array}{c} 2'13 \\ a \end{array} \\ 22 & \begin{array}{c} 2'13 \\ c \end{array} \\ & \begin{array}{c} 2'13 \\ f \end{array} \end{array}$

A diagram showing three horizontal lines with points labeled with letters. The top line has points  $d$ ,  $a$ ,  $c$ ,  $b$ . The middle line has points  $a$ ,  $c$ ,  $b$ . The bottom line has points  $f$ ,  $c$ ,  $e$ . There are also some handwritten marks like  $11$  and  $3$  between the lines.



[illegible]

Et dicitur spiritus a et b una persona ad c. Dico ens esse animal / et si quod fuerit ens / propter ad  
utrumque ens / adhuc dico ens esse animal / et est quia per b in se per se / et non per c / et per alia causa  
maior / ut per a / et per pte pte maior propter ad c / quod b ad c / quod est quod ipotesis / si u. minor  
quod per hanc minor propter / quod a est quod ipotesis / et u. per pte / si a maior b / et p. 2as pte pte  
maior propter c ad b / quod ad a quod est quod ipotesis / Valiqua persona maior spiritus maior

b t r füt maior e ad q cad a do pte o u d e l l e m m o s - h e c o n f i t  
le z p x pte de na pte pte se no at a clis b u r e n o r p x pte de z n g q e z l p n b l a u d

¶ Si fuerit qñtūatū pporōes aliam vñ eqles ipas qz pporōes sibi nūqz eqles  
esse nūc est pporō har ene atqz sē eqlia sibi qz sē elia qz euclides ī pñ pñ qz qz at  
qz pporōes euclides qñtū d qñtū b qz tūllig hīr demūt pñt pporōibz antōmēdāt sūt  
z nūqz dñay pporōz qñā ad b / z c ad d / eqlis pporōz qñ ē e ad f / dñay pporōz qñā ad b / z c  
ad d / eqles sē nūqz ēē pñay enī g ad a / z h ad c / z h ad c / eqñā hīqz / pñay l ad b / z m ad d / z  
n ad f / eqñā hīqz / z qz p pporōz / e ad f / z pñā ad b / z pñā pñā d / eīt p qñā pñā diffīcīs  
tñqz pporōz hī pñay sūt h ad dāt pñ n qz g ad dāt pñ l / z h pñā / z pñā nūqz ab n qz g  
māt ab l / z h ab m / z pñā ē ēlis n / qz g pñā ēlis l / z h ēlis m / pñā qz g ad l / z h ad m / pñā pñā  
hī / z addēō dñay dñay / z eqñā medīatibz hī z n eīt p diffīcīs tñqz pporōz a ad b pñā ad d qñā pporōz

eit portio pmi ad em maior q qm ad sextu. **S**ic autem. ff. de iur. iur.

[illegible]

5 8 12	h 8 12	h 12 18
4 2 8	e 2 5	e 5 8
h 2 8	f 3 7	g 3 7
1 5 15	h 9 12	h 9 8

[illegible][illegible]











hanc regis potis fore ad qth  
qth nū p iducto ad hanc  
p fens: 23 p iducto ad  
fuarū.

a<sup>2</sup> — b<sup>5</sup>g d<sup>5</sup> — e<sup>2</sup>h  
3 2  
f f

Handwritten musical notation on a five-line staff. The notes are: a, G, 5, 3, b. Above the staff, there is a slur connecting the G and 5 notes, and another slur connecting the 5 and 3 notes. Below the staff, there is a handwritten '2' and a 'd'.

Handwritten musical notation on a five-line staff. The notes are: c, 2, G, b, 2, d. Above the staff, there is a slur connecting the G and b notes, and another slur connecting the 2 and d notes. Below the staff, there is a handwritten '2' and a 'd'.

Handwritten musical notation on a five-line staff. The notes are: c, 3, f, 2. Above the staff, there is a slur connecting the c and 3 notes, and another slur connecting the f and 2 notes. Below the staff, there is a handwritten '2' and a 'd'.

Handwritten musical notation on a five-line staff. The notes are: a, 8, 5, 2, 6, e, d. Above the staff, there is a slur connecting the 8 and 5 notes, and another slur connecting the 2 and 6 notes. Below the staff, there is a handwritten '2' and a 'd'.

Campden

8  
a — be  
an d3  
r-g

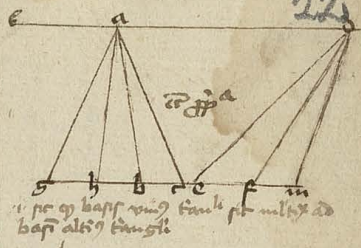
c — b  
a    d  
c    d



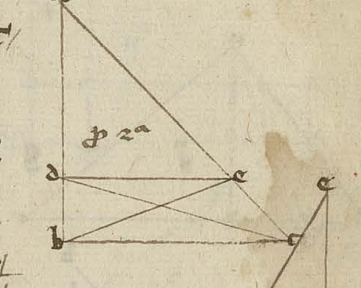
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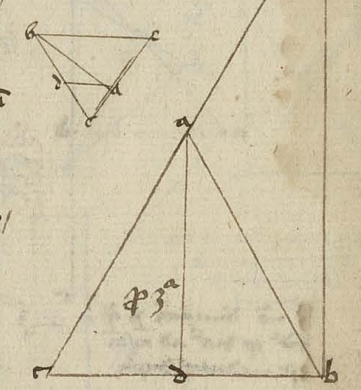
gum liaz f m m l h i r p u n z q n a z v o l u e d t q p l e b o p i p q e q d i s t m a n l a t e r d u c t a l i a m u e q  
d i s t a n t i e d e e i t q p i p q n f i t a m l h i r p i f a c d f p d l a m f l e e f t q r p z o q p i l i a r  
e a o r l a p u n p i p q h r e a o r p i p e u f r p u n o r m o r r p e l q l i t p d i p p o r i g h e p p o r i f a n d  
p p o r b a p b r a d b a p e f q e p i f a c i a r a d p i f q d f q d e p p o r d i f a n l e l i s a l t i s d e p  
b a b i s t c o d u n d p z o q p i d u c t i s l i a s a b q u n b o e n o q r a d b a p p i a s m l h i r a d v i t e q t r  
a n g u l o r e t n o q p h a t d u n d d i p p h r 8 o p h i c o r l i a n q i n o l a t e r p l a n u o p l i d a d



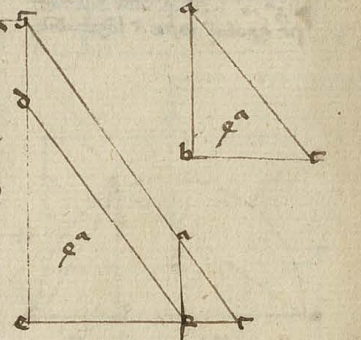
**2** Si linea rta duo tam l latera semis reliquo lati fuit equidistans eay illa linea rta  
duo lata pportabilis semis si vo pportabilis ea feret reliq lati equidistans nate est  
Bitigong a b c m duo lata a b r a c p o r t l a d e e q d i p a t z o l a t i q d e b q d u o q e i t p p o r  
a d a d d b p d a e a d e r t e n o p f u i t p p o r a d a d d b p d a e a d e r l a d e e i t e q d i p a t l e b r  
p i f a e u n d u a s l a s e b r d e e i t p p z o q p i f a n l e d b e l f a n l o d e r p l p q i n p i a b o p i p  
l i a z d e r l a s e q d i p a t i t a q p z o p t e l e q b p p o r t a n l a d e a d u n t q e o r e i t v n a p p o r  
e n p i p a a d t a n g l e d b e p d p p o r l e a d a d l a y d b r a d t a n l d e r p d l i e e a e a d l i q  
e r n a i p e n u s a l l o r e l i s e a l i s q r e p i n q q p p o r a d a d d b e p d a e a d e r q d e p u n d  
e r p l p f a t e i t p p i n i n q e t t a n l a d e a d u n t q i l l o r p p o r v n a q r e p z a p t e q d i p i p i p  
a d u n t e l e g t q r f i p e a d e b a p v i p i l i q d e r a q a d e p t e i t p z o q p i d e e q d i p a t l e b r



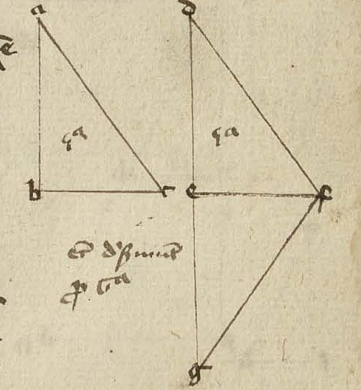
**3** Si ab aliquo angulo tanguli linea rta ad basi ducta an illu qd e rta  
p e q l i a d i d a t d u a s p t e s i p i o b a s i r l i q s e n d e z t a n g l i l a t i b o p p o r t e s e e i s i v e r o  
d u e p t e s b a s i q r l i n e a a b a n g u l o d u c t a d i s t i g n i t r l i q s t a n l a t i b o p p o r t e s  
f u e n t l i e n i l l a a n g u l i p e q l i a f e a r e n a o c o m p r o b a t B i t i g o n a b c m a n l a  
a d i d a t l a r t a a d p e q l i a B i t i g o n p p o r b d a d d r e p d b a a d a r t e n o p p r a h a e n b e  
e q d i p a t e a d r p d u n t r a q u n q g r a u r a t n b e r p u n t o e q a t q a n t p i q r a n l f o l b  
t a n l o r p i l i a q p t e r i t a q p d u o a n l v n i q e i t p i h a r l i q p t e l q d u o a l t i q e i t p i c a d e  
n o q d e r m e d i o m e d i o a e p s u n e p m o s m e d i o v n i q e p m o a l t i q p p o r d u o e o r m e d i o s  
a n l o r e o d p u n t o c o r r e p t q a f r i p e a d t a n l q e i t a b r z q a n l a f r e e l a n l o e t a n l  
d f e a n l o r p i p o r t e i t p p p t e z o p i l a a f e q d i p a t d e r d f e q d i p a t a r c o p l e b o r  
p i p o r e q d i p a n l a t i q p t f e e i t q p z o q p i g a e l i s d f t g d e l i s a f e a t p z o q h i n  
a f p u t l a n g r z e r t a n l e g r e q d i p a t b a p e g a a d a r e p d e f a d f r p a d e f a d  
f e p d e d a d d g e i t p p p t e n e q i d f a d a r t p a d e d a d f a p d e f a d f r q d q r p p o r t i  
p i o p u e v n i z e n d e p e l i a r a n l b a d e l i s a n l o d a r q d e r n



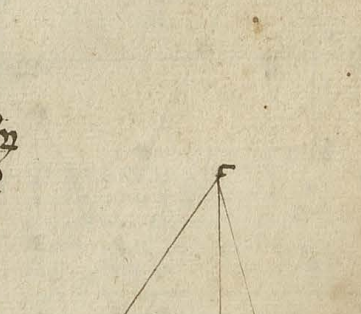
**4** Om duo tanglor quoz oes an vni an l alio p e q l e s l a t e n q e q s a n l o s  
r i p p i n e n c i a s t p p o r t a l i a B i t i g o n a b c m a n l a d e f e q a n g u l i p i t q a n l a e l i s a n l o d  
z a n l o b a n l o e t a n l o r a n l o f d i r o n p p o r d e a d a b r d f a d a r e p d e f a d b r p o a y e n a b o s  
t a n l o s p i l i a q p t e r i t a q p d u o a n l v n i q e i t p i h a r l i q p t e l q d u o a l t i q e i t p i c a d e  
n o q d e r m e d i o m e d i o a e p s u n e p m o s m e d i o v n i q e p m o a l t i q p p o r d u o e o r m e d i o s  
a n l o r e o d p u n t o c o r r e p t q a f r i p e a d t a n l q e i t a b r z q a n l a f r e e l a n l o e t a n l  
d f e a n l o r p i p o r t e i t p p p t e z o p i l a a f e q d i p a t d e r d f e q d i p a t a r c o p l e b o r  
p i p o r e q d i p a n l a t i q p t f e e i t q p z o q p i g a e l i s d f t g d e l i s a f e a t p z o q h i n  
a f p u t l a n g r z e r t a n l e g r e q d i p a t b a p e g a a d a r e p d e f a d f r p a d e f a d  
f e p d e d a d d g e i t p p p t e n e q i d f a d a r t p a d e d a d f a p d e f a d f r q d q r p p o r t i



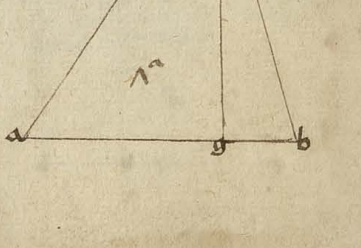
**5** Om duo tanglor quoz auzor later se se r i p p i n e n c i a e s t p p o r t o v n a  
a n g u l i l a t i b u s p p o r t a l i b o q n e n t i e q l e s e s s e p i b i i n t e c o m p r o b a n t u r  
B i t i g o n a b c m a n l a d e f e q a n g u l i p i t q a n l a e l i s a n l o d  
n e e i s t e r m e d i o s d u n d q p r e d e q u o q a b a z a p q u i t e q r e n o a d u n t i v n a  
p p o r h a r q u i p o r p d p r e d e q u o q a b a z a p q u i t e q r e n o a d u n t i v n a  
p p i p e p u n t i p p p o r t q d o r e f f i q u d u n t o q p p o r t e s B i t i g o n a b c m a n l a d e f e q a n g u l i p i t q a n l a e l i s a n l o d  
d e f p i t q p p o r a b a d d e r a c a d d f p d b r a d e f f i q u o q a n l a e e l a n l o d t a n l b a n l o e  
z a n l o r a n l o f c o p i t a p i l i a z e f t o p p t e t a n l d e f a n l i f e g e l e a n l o b t a n l a e f g  
e l e a n l o r e t q p p z o q p t e p i a n l o g e l a n l o a p o p p i p a p p o r a b a d e g z a r a d f o g e  
p d b r a d e f q r e a b a d d e p d a d e g z a r a d d f p d a d f f e u a e p z o q p t e q e q d e z e l e s  
z d f e l i s f g q r e p g a p i d u o t a n l d e f f g e f s t e q a n l q r t a n l g e f e e e q a n l  
t a n l o a b c q s n t p p o r t a n g u l o v n i q a n l o a l t i q e e q l l a t e n q i l l o s d u o s a n l o s



**6** Om duo tanglor quoz equos q n e n c i a s t p p o r t a l i a p u t s i n v i t e z e q u a n g u l i  
M a n e a t p o r d i p o t p t p o l u a n l o b e l i s a n l o d e f t p p o r a b a d d e p d b r a d e f d i c o a d  
d u o s t a n l o s a b c d e f e e e l e s C u e n p t p z o q h i p p t p p o r t q p i p e q d o r a b a d e g p d  
b r a d e f e i t a b a d d e p d a d e g q r e p z o q p t e q e q d e z e l i s e g e a t d u o l a t i d e  
z e f t a n l d e f p e l i a d u o s l a t i b o e g t e f t a n l e g f t a n l e m u a n l o e a l i q q u i t  
e l i s a n l o b i n e t p e q p i e q a n g u l i t q e s f e e e q a n l a b c p p o r t o



**7** Si fuerit duo tanguli quoz vni an vni an l alio e q l s duo r l i q s  
quoz anglor latibz pportabilibz q n e n t i d u o r v o r l i q s i t e r q a n t n e u t e r z o  
a n l o m i o r n a t e i l l o s d u o s t a n g l o s o i b o p u s a n g u l i m e f e r i t e z e q a n g u l o s e e  
B i t i g o n a b c d e f p i t q a n l a e l i s a n l o d t p p o r a r a d d f p d b a d f e z i t e r q  
d u o s a n l o s b z e a n e u t p t m i o r z o d i c o e o s e e e q a n l o s B i e n a n l o r v n i z e l a n l o f























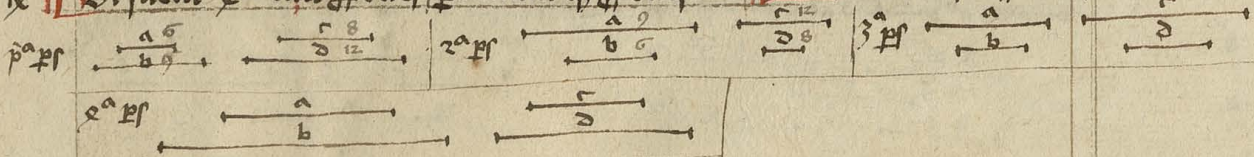


Two number lines are shown. The top line has points a, c, and b. The distance from a to c is 20, and from c to b is 2. The bottom line has points r, f, and d. The distance from r to f is 10, and from f to d is 10. A final result of 22 is written at the bottom right.









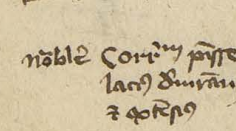
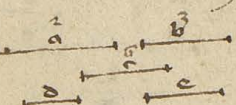
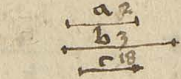
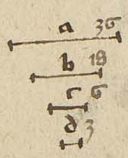
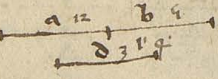
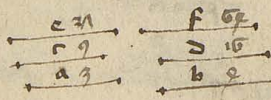
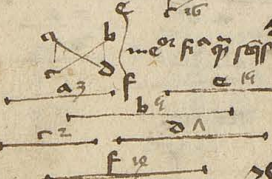
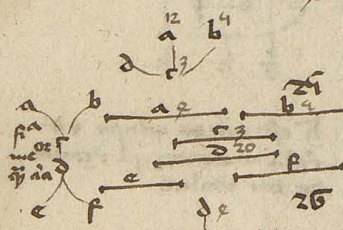
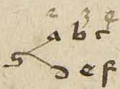
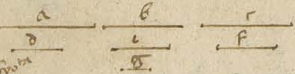














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manus d z e fodud pbabi q b sit mapu nup mans d z f z e mapu mans e z f  
pqr z uiaabit d e f p m r i ter asuptu ipe uiaabit ab c i f q p p q a b c p m i ad i p t i f q  
ilqf a m d i t p p o l e p l i t q m i a t p d m q u a r o z p u a z i f m i m i e t i f m i a b c i p p o r o m  
m i m i a l i o q u i p d m i m i t e n d e z p p o r o e d e f q p z u i a b i t a b c q l i f u n q p p m i l t r u  
p t g o u t m i g e t q v i c i n p g m i e t a b c p d e f q u a d a m i e t q u i p o p t o  
23 **¶** Cuius mii qd se p m i f p u a z p p o r o z m i m i h e q u i p p i p e u t p p t d u o a z b q f  
p e p i p i q p p i p u a p p o r o z m i m i f p a t n o f m i m i p t e n d e z p p o r o e p p o l e e m o d e r  
z d o p m t i t p p z a q p r m i a t a z d i p b e l i t p r i t p e e t q p p i n q u t e m i e t a z b  
a q d e p p e z b p d u o f e a z b p p o r o z q d e q p p o t e p m i e t a d a l t e r p m i n t i o  
24 **¶** Si fuerit duo mii qd se p m i p q f m i e o r z r o p r o b a t u r S i t a z b m i i q p e  
r v o m i e t a d u o q r p m i e a d b a l i o q u i m i e t e o f d q p p p o r o z m i a b i t a n o f t a z b  
q p e p m i d e u m i a t a b o f q l i a l i u p m i q e x d u c t u v m i i t a l t i m p d u c t u a d  
25 **¶** Si fuerit duo mii ad e u n d e z e r i t p m i S i t u t p m i o r a z b p p m i a d r z e p  
a z b f i t d u o q d p m i e a d r a l i p e u m i e t e o f e d q d e p p i e t q p z a q p m e a a d e  
p d f a d b t q e u i a t r i p e e t p z e q p m i a d a q u e p z a q a z e p p m i a p p o r o z m i m i  
p i t g o p z a q u t e m i e t b t q p o p m e q i p e p t m i o r e n o e t b t r q p e p i q d e q p p o  
26 **¶** Si fuerit duo mii qd se p m i q u i e x v m o e o r z i t e p p z p d u c t u a d i l q u i e p m i  
S i t d f e p i a z b z q a r p e p f i a t r d i c o q r e p m i a d b p t e u d e l i p a e t q p d p m i a d b  
z q a r d f i a t r p p i a r p p e p m i a d b q d p p o p m i f u i t p m i q e x d u o p o r o b o  
27 **¶** Si duo mii ad a l i o s d u o s q p a t i s u t e r q a d u t e r a d e u q u i e x d u o s p o r o b o  
p d u c t u e r i t p m i S i t a z b p o r o z p o r o z r z d i p t u t p e o r p a z b p i a d u t q d u o s p m i  
r z d z q a r b f i a t e z q o r d f i a t p d i c o q e e p m i a d f i l t a t z a t a r a p p m e n d e t g e l u d i  
n e u f i a t e q a r b q u u t p p m i e a d r z a d d e t p p a q e p m i a d r z a t e p m i a d d e t q u i  
f i t q o r d q u u t p m i e a d e e i t f u n d e p d u c t u p e n d e z z a q p m i a d e q d e p p o r o  
28 **¶** Si fuerit duo mii c o n f e p m i d u a t q e o r u t e r q m f e p m i e t m d e p d u c t u  
c o n t r a s e p m i i t e r q p m u t e r q p d u c t o r p u i p d u c t u p n a p m i e t q p d u c t u  
q f e p m i S i t a z b q f e p i d u a t u t p i t e p u e i e t p a q d e r e x b a d p i t e r q d u a t a  
r e t q u e i e t e t b i d z p u e i a t f d i c o r z d i t e r q e z f q p e p o f f i t e u p z a q p m i a d b  
z e t d p m i a d a z a d r p e p q u a t p m i q e r z d e e p m o s p l i q p i t e u u t p d u o s m i o r  
a z e p m i a d u t q b z d i p t q p z a q e i t e p m i a d f q d e i l q u i h i d p l u a t e i t e p m i a d f  
f o p z a q a d b z a d d i t e r p e n d e z f a d a z a d r p e p p i f u n d e z d u e t u t r u q p d u c t o r  
z p m i p m i p i e t e o f p d u c t u q f e p i z n o p l u h y q l i b e t e d u n q a b a a d q l i e d u c t u a b p e p p p o  
29 **¶** Si fuerit duo mii qd se p m i q e x a b o r o a r e n a t e i t p m i a d u t e r q p v o e x a m  
b o b o a r e n a t u a d u t e r f u e i t p m i z q m i a d i u r e z e i t p m i S i t a z b q f e p m i  
d i c o q q e e i s q p o r o z p a b a d u t e r e o r e i t p m i z q m a p d m i a t t o t i a b z a l t i q e o r u  
m i a b i t p q e p m i z r i l q u o e p t g o q f p p i f h o p o r t u f u i t p p o p m i p e p i t a b  
p m i a d u t q p m o r q p o r o e i t q p i t a z b p m i q a z b p e p p o r o e u q d m i e t u t e r e o r  
q p e a z b p e p p q e p m i q e m i e t q o e i s q p o r o z q u e a d n e u t e d u o p m i o r a z b e i t a b  
p m i p p o r o e i t q e e t a d u t e r p m i a m d i t r p o l e c o d m o p i c o a r e n a t u q d d u o p m i f u i t  
a d a l t i q p m i q e e t a d r i l q u i d o q z c o a r e n a t u t e r p i e u q p o r o z q a z b p m i z a d a d i c o  
q e i t p m i a d b a l i o q u i m i e t e o f d q p p o r o z m i a b i t z a n i m i e t t o t i a b z d e t e d h a p  
i q u s e a t e u q p o r o z q a z b p m i a d a S i t a q l i m i s q p o r o z d i c o q a l i q p m i m i a t  
30 **¶** Si mii q p o r o z a b a l i q p m o m i a t p p q e u m e q p o r o z m i a b i t a b a q u o m i o q p i t b  
q p f u i t p m i q u i e t q d d i a p a t p t q p i p t r q m i a t b q p r e m i a b i t a p q e p m i q p i t a  
r f u i t p m i q u a t q d d a t p q p o r o z m i o m i a b i t e u a l t q p t d q p q e p m i e u m i a b i t a  
d q m o r o m a d u t p u s q n q o m i t q q p o r o z e u n e e m i o z a p p e r e q q p o r o z o m i u t e  
m i e t p p z u t t a d e z d e n e i a t a d a l i q p m i a l i o q u i a m d i t r p o l e z q u i p e t r o r p m i q i f m i h  
31 **¶** Si mii aut e s t p m i a u t a p m o m i a t u r S i t a q l i m i s d i c o q p e p m i z a p p e r e  
u l m i a z a p m o q p u o e p p e i t q p o r o z q l i a p t a l a b a q p o m i a t p p p a a g e p m i l a  
32 **¶** Si mii p m i a d o e r q n o m i a t e p m i S i t a p m i u o m i a n s b p o m i a t q d e p p o  
d i c o q a z b p e p p e p i e u a l i q m i a t e o f p t r u o g o v i q f t q a p t p m i  
33 **¶** Si mii e x d u o b o p d u c t o a b a l i q p m o m i e t n a e e e n d e z p m i a l t e r i l l o z  
d u o z m i o r m i a z e S i t r p d u c t u q a z b z p t d m i s p m i q p o a m i a z e r d i c o  
q d m i a t a u l b m i e t e u r p e p z u o m i a t a e i t p m i a d i p p p m i i o a z d e t p p a  
p p o r o z m i m i p z a q z q a a d d p d e a d b p z a q p t e z o p e u t d m i e t b p z a q q d e p p o  
z i t a p z p i d m i e t a p i n o m i e t m i a b i t p i a l t i i l l o z V i d e m a n f e s t u e q p a l i q m i s  
m i a t p d u c t u q d i o q u i l p e n d e z f u i t q u e r i a b i l e i t q a l t i e o r q u e r i a b i l i s p i p o r o r i  
34 **¶** Si mii e x d u o p d u c t o m i s a l i q f u e i t q u e r i a b i l i s c o m e r i a b i l i s q e i t a l t  
d u o z m i l t p l i c a t u S i t d u o m i a z b q o q o m i l t p l i c a t u p u a t r p t q z d q u e r i a b i l  
r p d u c t o d i c o q d e e i t q u e r i a l t i d u o z m i l t p l i c a t u p u a t r p u l a n l b f u t e u d e m i s  
p m i a q p o r o z q p d f u i t m i s p i z q u e r i a l t i r p o m i a t p p z a q p m i h a t e u o i s p m i  
a d e u q n o m i a t e p m i z p m i e i t i q u e r i a l t i q d e q p p o r o z e u g o d m i s p m i a t r



$36$   
 $28$   
 $2$   
 $12$   
 $3$   
 $2$   
 $5$   
 $1$

Ne hac 20<sup>a</sup> diligit cu t<sup>h</sup>g  
scilicet qz gduat dicitate  
s velon<sup>t</sup> motum celestium p  
pdm qz tute au<sup>t</sup> plato<sup>r</sup>  
diffinitur qz h hnt file polus  
qz 24<sup>a</sup> p<sup>r</sup>ceptum sapientie

$\begin{array}{c} \text{a totu} \quad \text{d 36} \quad \text{f} \\ \text{a 3} \quad \text{b 2} \\ \text{c 12} \end{array}$

A diagram showing six line segments labeled a, b, c, d, e, and f. Segment b is the longest, followed by d, c, a, e, and f. Segment c has a '12' written above it.

$\overline{a} \ 12$   
 $\overline{r} \ 3 \quad \overline{b} \ 9$   
 $\overline{i} \ \text{vint}$   
 5 f<sup>a</sup> v3 ad 30<sup>a</sup> 238<sup>a</sup>



[illegible]

13. **Responsa** **A**gnus dei hūiles ptes poptay denotatomū suplatz miz hūiles 349/9 3<sup>a</sup> hant q<sup>9</sup>

[illegible]

**In** p<sup>r</sup>o<sup>p</sup>tis p<sup>r</sup>ib<sup>9</sup> quoniam m<sup>m</sup>i n<sup>n</sup>g<sup>e</sup>s q<sup>u</sup>metez i<sup>n</sup>eme **V**l<sup>a</sup> p<sup>r</sup> p<sup>r</sup>oite m<sup>m</sup>d<sup>o</sup>

fit ab r pnt qnf dnoiaroibz def z pnat mnm nuf q miant def q pt s huc dico ee  
ee qf qm qnf em i eo m s ppoite pter m a b r p 389 / c p no pt s mnm gheus dms pter  
pt a h q m h miant e ef p 389 / no at s mnm mian ab eis qd e q yppor pntelligo vo  
pter a b r t de fakte ponit z no p fm qntu alit em no eff miam ut nm nuf q miant def effi  
m q gheus pter pmois plimas em gheut pter epie q mnm nuf ab cap dnoiaroibz mian  
no qf de s huc m q p 120/90 / p st end mnm pter / pm qde tra 29 e a / z 39 qm ty m q miant  
dnoiaroibz cap / q e co pter ipas ghuz / pntadu e s / p pter sb eta ghte pona pme que h de  
miaoibz no eu pnt ut arguit 38 / p fua huc miant goh nuf poph e 38 / p / s / l x 38 pte  
qff ee e qd ppoit p utaq modio / s by p m modio qm qd tede vide p ppon Attende ap  
oportet q m eis ps hat ghtate z dnoiaroibz toto gheut pond qth z qth pter p m qntu  
z tade qf mnm cas ghuz z p q dnoiaroibz qdm at cas gheut qst esse m miant ab  
eis p m qf vo miant p q illas dnoiaroibz Congit ity pond qth z qth dnoiaroibz et  
tade qf mnm hee dnoiaroibz ipunt / z p qf qntu / qm qf qst ee m miant ab ill  
gdm qf vo miant p q ghtate detant Trobiez at idto iqnt m / qz t fuit p q huc  
qdes has pter qntu inde vo i qf hee dnoiaroibz ipunt ghent m m pond qth pter z torde  
dnoiaroibz nl qth dnoiaroibz z torde pter no at qth m qth / s ctas md et p si em pona  
pter z e 4 / z dnoiaroibz cap o n 8 / z tade qf mnm ghuz has pter sb illis dnoiaroibz plifero  
taptot vano qreth ppte / ctas s o z pond pter m ctas dnoiaroibz / z t quide qf nuf postas  
pter sb pophs dnoiaroibz gheat uo at qf mnm / vum em e na p ppoia fut vma p  
z vma dnoiaroibz plud pter z ples dnoiaroibz ud at pmd pter mnt q ppoia mnt  
ghenter / sol em e m fua e q / no phus / sol q m fua e 8 a / z pman q / no plud pter  
pmones pter z dnoiaroibz cap i toto no e qde qf mnm gment has pter sb hys dnoiaroibz  
p qf mnt qth pmones at pter tm / gheat qre qf mnm cas ghet / z a qb9 z eo denoiat  
Solap q pmones dnoiaroibz gheat qre q pter ab illis dimt z quo mmo ipunt To  
neicem at vide pter p dnoiaroibz require q dnoiaroibz p pter diptem em dnoiaroibz  
no pnd comita pmonem diptas / z lo nat m enclidy m qd z ppoit thpost capau

Altera mior dicitur quorū multiplicatio mī pducit. **S**upficialis  
mī appellat mī qui duobz lateribz gñet. **S**olidus vēr qui tribz  
ex frū gñia mltiplicatioē habz ptem. **Q**uadratus est mī supfi-  
cialis eq̄libz lateribz cōtentz. **C**ubus est solidz tribz eq̄libz gñstēs lateribz  
piles dicit mī si p̄ficiales si solidi quorū latera sūt p̄porcionalia. **p̄ p̄ p̄ s̄**

[illegible]



Diagram illustrating the addition of three fractions:  $\frac{1}{2} + \frac{1}{3} + \frac{1}{6} = 1$ . The top row shows three segments labeled  $a$ ,  $b$ , and  $c$  with values  $2$ ,  $3$ , and  $6$  respectively. The bottom row shows three segments labeled  $d$ ,  $e$ , and  $f$ , each with a value of  $2$ . The total length of the top row is  $11$ , and the total length of the bottom row is  $6$ .

8 12 18 21

f 2A 5 35 h 28 k 62

c 2 d 12 e 16

a 3 m<sup>a</sup> b 2

$\begin{array}{ccc} \text{r} & \text{y} & \text{h9} \\ \text{f} & \text{p} & \text{53} \\ \text{p} & \text{m} & \text{h2} \\ & \text{q} & \text{l1} \end{array}$   
 d'ura h ad apole / p' p' aprou  
 $\begin{array}{ccc} \text{a} & \text{b} & \text{d} & \text{e} & \text{f} \\ 108 & 76 & 18 & 1 & \\ \text{h} & 5 & \text{h} & \text{l} & \text{p'9 mo9} \end{array}$   
 m u p q  
 a b c d e f  
 h g h m 29 mo9  
 n p m q  
 r f t p

$\begin{array}{c} a & b & a^a & \text{michoo} \\ \swarrow & \searrow & \swarrow & \\ r & d & e & f \end{array}$

$\begin{array}{l} a \ 16 \\ b \ 22 \\ r \ 36 \\ d \ 42 \\ e \ 61 \end{array}$

$\begin{array}{l} f \\ 5 \\ b \end{array}$

5 f<sup>a</sup> c d'unt  
#oi le 8'

$\begin{array}{r} 2 \\ 8 \\ 8 \\ 16 \\ 32 \end{array}$

$\begin{array}{r} a \ 18 \\ c \ 46 \\ d \ 36 \\ b \ 24 \end{array}$ 
 $\begin{array}{r} 9 \\ 5 \ 2A \\ 4 \ 18 \\ 2 \ 12 \\ 1 \ 3 \end{array}$

e 92  
m 36  
n 28  
p 16

et non possit tunc in



5 f 6



[illegible]







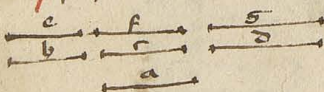




a b c  
d e  
f

ep h q d u e p p o i t u p r q p  
q a z r z d u p l o b e p a d b  
q e v n a p o u q p o n d u t p r q  
q d e a t r z p u l a b a t p m a d  
e i d e z b z p r q p a d b f e l e q e  
p u l a z p f a g g n t p o a z r z b  
s o i n y t p m a z r z p a d p o l a  
b q d e p p o i t u

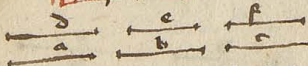
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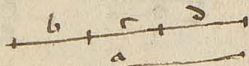
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f p r e s v e h

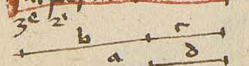
**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



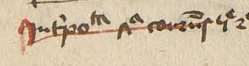
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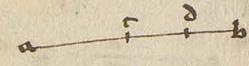
**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



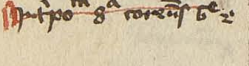
**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



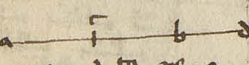
**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



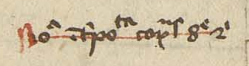
**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



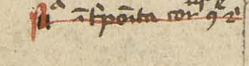
**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



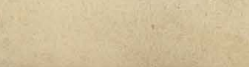
**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**



D f b q h e p p o i t u b q z m i s f i a m i n i l o p i p o p b a t e n e p d u o q u i n q p p o i t u p i n o e a d i l i q  
E t i t m q u i n q h e p p o i t u z m i s a b c q u o r h i d z e d u o p p o i t u q a z b e e p m a d r z q p o i  
e p b z r a d a p e r q a z r a d b q a i f e p r e e q p z a g i q p d z p e r p f i t a z z e f i t b z e e p e r p  
f i t r z q z r a p d z e f i t q p p i n q p o p u a p t e z q e q u i t o t u d e p m a d u t q z e r p m d z e  
q z g o u t q d u o r m i n o r d z d e p m a d z a d e e i t p z q a q e q p d z d e p d u n t z h u r e q p m e p  
a z b p m a d e p m z g o p z q a e n d e z u t e r i a q p m q a z b p m a d e f i t e n e r e e p e r p  
B i l i q d u n o e p b a b q p o i t u q o b z r e e p m a d a a t r o p p o i t u q o a r p m a d b p r h a b e t o  
c u e n p t u f q d u o r d z e p m a d t o t u d e e i t p z q a q e q p d z d e p d u n t z q u e b p m a  
a d d e i l i q p z q a e n d e z q e p d e r p p m e i t t i p e z q q p o i t q o a z r z a l o b p m a d e a d  
b n a t e z e n e u t e p d u o q p p o i t u p m a f u i t a d v n u e o r q o q u o q p o i t p t a p m a d i l i q  
D u n a t u a p e h p m z z q a p o p o i t a p f a b i l i t a d r o b u r i p h q d u n o r p p o i t u q o a z b  
q o d u n q o d z q p o i t u q o d z e p p o i t u q o q o d z e f i t a z q o d z e f i t b p r e z q e r d e p e r p  
q o d u n t q p o i t u q o a z r z a l o b p p o i t u e o q d p u s t q q o e r p e r p f i t a r h y m g n h p o m u

**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**

**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**

**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**

**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**

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**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**

**Quod fit ex vni m in quoz d u t u t a n t u e s t q u i e s t e x d u c t u e q**











ullis aliis cu muer p p qm p h e pole p p q muer en s q d p p 35 n / ut e muer alia  
eoz poa q q muer p t q pma pte 20 n e q ad d p d e ad p p ut q muer d qe n a q  
muer p p p p e e muer biaz e q p p h a a a b a c qm at hox p a t e t p a l a h a h  
p a q p a t a p a t l q p p a t b p e t h p a t c p q e t h u o e s p d m p a b i l l p f u a t d i  
u a p p l i q u i t g o p f s e m u s p p t q d e n t d u r a n d u a t l b u d p p o r o n b h a m p i r d i u i t  
p p p f i n e z p p a r a t i n g a d c o r p u m e n p i n s p e d s u s l d m p a t u l p o r a n a

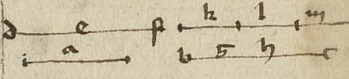
**Q**uantitates quibus fuerit una quantitas quae eas mutans quantitates quibus vo  
no fuit una quantitas quae eas mutans incommensurabiles dicuntur. **L**ineae in  
potentia quantitates dicuntur quare superficies quadratas una quae superficies  
mutat. **L**ineae incommensurabiles in potentia dicuntur quare superficies quadratas no  
mutat una quae superficies quadratas in ut ita sit manifestum est quod si lineae posite  
multae aliae sunt incommensurabiles quod in longitudine tantum quod in latitudine alia potentia  
est autem linea cuius rationem posita vocetur rationalis lineae quae ei quantitates dicitur  
rationales eadem vero incommensurabiles dicuntur irrationales sive puer. **Q**uod vero quadrata super  
ficies de qua per ypotensi rationem dicitur rationalis. **S**uperficies vero ei quantitates  
dicuntur rationales eadem vero incommensurabiles superficies dicuntur irrationales sive puer. **L**inea  
vero quae in illas quadratas superficies possit dicitur rationalis quod vero in eas non possit dicitur irrationalis.

no qmto e gualior q quodabilis  
qz qmto quod t a acti q pte qmto

Tantum hanc posse dicitur qmto d p e  
ducta pducit ut t q d 12 e 2

Qd qmto dante mure mure  
hanc dicitur p d e n l i e e u d e

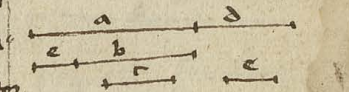
**D**uabus quantitatibus rectis proportionis maior dimidio a maiori quantitate dicitur  
hanc rectam de reliquo maior dimidio demat demat per eodem modo nunc  
est ut tunc maior posita minor quantitas reliquat. **S**ed propter due quantitates  
rectas a et b et c et d et e maior. **D**ico quod tunc per maiorem dimidio demat b et c et d et e et p d u o  
quod nunc est ita quod quantitas maior a quod p l i c e e n a c o r e x e n t b c p t q e i m l l x d e f m a i  
b c d e t r a h a t i n g a b c m a i o r d i d i o q d p t b s p l i c e q o r p d u o q d e s c m a i o r d i d i o q d p t  
s h h q t o n e s f i a t q u o n g b c d i p f u i t t o t p t q u o n g a q h e t d e f d u o q h o u l t i r p  
d u i t h a c d i d i o q h c e m a i o r u l l p l i c e m a i o r h c q u o n g m l l p l i c e a t d e f p t q e i m l l x  
k l m q s o m a i o r q m t u k l m e d l i p h c p e u t k p m i o r b g t l u o r s h a h m e d l i p  
h c p q r e p t q e i k l m m i o r b c q e m i o r d e f a i p t s o d e f a d a p d k l m a d h c p d e f  
e m a i o r k l m e i t p i q q e u t a p t a o r h c q d e p p o r t i p e s e p a a d i d i d u d e m a t p e  
q d i l i q d i d u p p t q t o n e s f i a t q u o n g a o r d i d u t o t p t q u o n g q u e m i o r t q h p o m l l x  
m a i o r p o r t i q m t u e x p e d e t a t e d a p o p h q h u r v i i q a z i d i d e p p o n e s a g u l u  
q h g e n e m i o r f o r e q h a g u l o d u a r r a s h e i s q t e n t o p o r t o e n i q h a u l o r a l i e o p a b i p o  
m a i o r d i d i o d e m a t i l e q d i p d u o m a i o r d i d i o u i t e v i d e h t o n e s p o r t e f i q u o n g d e t a n h  
r a t i o n e m i o r a u l o q h g e n e i n o p p o r t i o i q a z i p l a n t t h y n o s t m m o r e a n g u l i n o  
e n i p e q s u s p p l i a n n u t t r a n t a t o u a n g u l u q h g e n e t o n e s q h g t p a u t r a l i e n g e x  
e d a t q d e s s u a i u t e x p h i t a d u r a c o e p a d h o r u t q u s e x a n t e p o r t p a l a p a u l u  
r a t i o n e m i o r a u l o q h g e n e a n g u l i s e s s e m a i o r m a i o r a m a i o r e l e m i o r d o n



no hic hanc d'aulo qmto e  
dipone qmto

**S**i fuerit due quantitates rectas detrahatur quod minus eo superat ac demum a mi  
nori ipsa reliqua eadem demat tunc minus eo reliquat. **D**enuo de reliquo  
primo equale reliqui tunc tunc eo minus superat auferat et in hoc modo de  
tractione nullum reliquum quod ante relictum mueret tueretur eas duas quantitates  
incommensurabiles esse nunc est. **S**ed hanc propter p a n t m u s s i t q d u e q m t u s r e l e s  
a z b m a i o r a q f i a t r i p m q u o n g f i p d i d u o n o o c i n t a t s i i f u i n e s f i a t a q q m t u s  
d i d u o p e d i d u o p i a n r e l i c t u m a n s d u o e a s q m e n s u b l e s e e p i n a t p t q s e n i p i n r e d e t a  
h a t z b e x a q u o n g p p p t q i p d u m d q d i p d u m d r a h a t e x b q d a s p p t q i p d u m e f i a t q  
t o n e s i n d i d u o q u o n g q o a l t u t q m t u s a z b i n u a n t m i o r h e n i n a n e e e p o l e p p t q  
p t q h o m i o r e u t e c u t o m e p i a t b d i d u a b a z a m e p i a b i t t i p d u m p d p q r e p t q  
a d q c u m e p i a t d i d u a a b z a p p b i n p i a b i t e i p d u m p e a t e m i o r m a i o r s o q m t u s  
m e p i a t m i o r q d e s t p o l e r e q u a l i b q m t u s m a x i a q m t u s e n s q m t u s

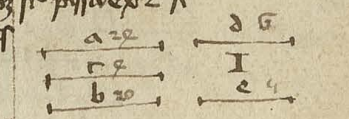
no oq qm qm nlla ad qm  
muerat p qm p m l l q z p q  
p p m e p d m i q p o l a p m t u s  
m p m i a t u t p p q n



p l e d t 2 a n t m u s

**P**ropter duas quantitates minantes tueretur. **E**t hoc itaq manifestum est oer  
quantitates quod duas meti quantitates maximas quod quere abas merente metri  
hanc dicitur p 2 a n u o g u o a s n o p o s s i g u o r a t p r o p t e n i u t r o b u s e u e s

**P**ropter tres quantitates quantibus maximas eas quere minantes tueretur. **E**t ex 3 a p p d p p a p p 2 a  
**Q**uoniam duar quantitatibus quantibus est proportionem min ad nuer. **S**ed due quantitates  
a z b q m t u s d i c o q e n p p o r t e p d a l i q m i n a d a l i q m i n p t e n i c m a x i a q m t u s  
e n p q m t u s a z b e p t a u t d o r z a h y q m e p i a t a p m i n g d z b s m i n e e i t q  
a a d c u t d a d m i n a n t e s q p d a e m l l p c u t d e m l l p v i n t a t t p o r a d b u t m i  
t a p a d e c o q p d c e s t p m l l p l q o b i t a v i n t a t z p m l l p e t p e p p o r t i q a a d b p d c a d d



**S**i fuerit due quantitates quare sit proportio vni ad altera tunc quod est  
min ad miz eas duas quantitates esse nunc est. **E**t quod p o i s u t p i s t a  
a d b p d m i c a d m i z d e t d u e q m t u s a z b q m t u s p t e n i e q m t u s t o n g m p u r a s







[illegible]







109 69.  
35

Tatu d<sup>r</sup> l<sup>a</sup> posse q<sup>tu</sup> t<sup>er</sup> p<sup>er</sup> p<sup>er</sup>  
ducta p<sup>er</sup>ducit ex q<sup>tu</sup>to 12<sup>er</sup>

5<sup>te</sup> der 3<sup>te</sup> prob

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf from an old book. The paper has a slightly textured appearance with some minor discoloration and faint horizontal lines near the top edge. A small, dark, irregular mark is visible near the bottom center of the page.

fa 39 2 end' cu p'ore















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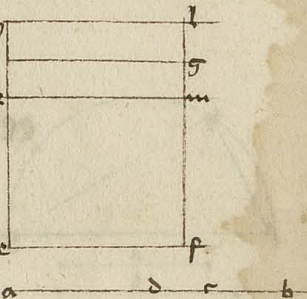


fk diuina apiste eg / can go dia pt hq / eitp p qz / p qz p p sinei fh p f h q pt kl el  
20 en qd pt q ad / d b / t p p q / eit p p f h r o l i s / t p p q t l m e l i s / m a p t h p t d r a d u a n  
p p a e p r o l i a / q p e s / t f h / e i t h s r o l i s / n o a n d a t t o m e r o a l e a r o l i / m p i r o l i d i f f i o e  
t q a h q p q u a n t b y / e a d e q z h s / a i p a p t d r a d u a n p i p e r m e l i u / q p t h t k l e i t h s e a t p  
u r a c o a l i s p r r q q d q r i p o s s i b i l e

37 **Immediali pmo p d m terminu terminis in alias duas mediales uer didi**  
**z impossibile** / e i t q l a b b i n u e l e p m d i p a i d u a s l i a s m e l e s p o a t u q u a n t e s p u p  
f i n e q r o a l e q u e n t e s / e p q q a z a p p e i t q p o m q p t a r t e b d i u o q p o l e z a n d i d i  
t a l i a s d u a s p a n y d i f f i o e q d p i p t p o l e d i d a t p u n t o d a p p e i t q l a r o l i e f a d i n g a t e i  
p i p e r e s d i p d u o r q n s d u a n l i a p a r t e b t p i p e r f h d i p e t o a b e i t p p e q r p i p e r e h  
e q u a l z o p i p a a c t e b t p o a r p i p e r f h d i p e t o a b e i t p p e q r p i p e r e h z o p i p a  
a d t a b t p p o t e s e i t u t d u a n p i p e r e s t p h m e l t u t d u a n p i p e r e s h t h l r o l i s h  
a d t p o l e z e f f e m p m p i p e r h s u r o l p r r q p m a p e n d e s e f f r o l i s p d i f f i o e t r r q q d e t q n s

38 **Immediale m non m p i t duas lineas tm sub tio suo diuidi pt** / e i t u t p u s  
l i a a b b i n u e l e m d i p a i d u a s l i a s a r t e b m e l e s p o a t u q u a n t e s p i n e q m e l e q u e n t e s  
e p q q z a d i n t a n q p o i d a r o q r o l e z a n d i d i p t u o t i n o p u b i l l a d i f f i o e t a l i a s d u a s  
l i a s p u p a p d i d a t t a p i n y u t p u s p i p e r e s f h t p h a d i n t e a d l i a e f r o l e z t l o g u e e i t p  
u t r o p p i p e r e s e s t h m e l e s q u e p z o q u t r o p d u a n l i a p f g t g l e p r o l e s t p o a t u t u d  
t l o g u e q u i p i a l e f f t q z d u e l e a r t e b p i q u i p i a l e t l o g u e q u i p i a l e t p o a t u t u d p t e i o e h  
q u t r o p q u o r a r t e b h a n y p t i q u i p i a l e p i p e r m u s t a l i m l i a p d r a d i n q i t e q p o t e s p  
u t a b o d i n a p t a n t p i t i q u i p i a l e p i p e r m u s t a l i m l i a p d r a d i n q i t e q u o r p i p e r e s e s t i q u i p i a l  
p i p i a s g h t l a s f l e g l p a q c i t r a p p t e i o e h q u t r o p z o a n l a f l e b i n o m i u d i p a s p u  
t i n y p u n t o s t o d q m o p b a t f u n t m l q u i t i n e b i n o m i u m e d i a n t b y p i p e r e m t u h d i p a  
p m u k i n y p u n t o m q d e i p o l e p z o a n n o e m p d i c i q l a p t i t d i p a p u n t i s t m  
p t p p l q p t e n e f f l a f u n d i p s f l i p a f u n z a o r m l u t q o p o p i p o r a n a n g l i a s l  
z a o r m l p s a o r t o t o h o a p d u a n s m o d p p e e q i s t n e r a t i s q q e a n s e p i n b y

fa p r e d e p m e t e m h



39 **Linea maior no m p i t duas lineas tati ex q q stat b eaz termino diuidi pt**  
e i t q h l a a o r d i p a a d p u n t u r t d u a s l i a s p o t e n t i s t q u i p i a b l y p i p e r q m e l e q u e n t e s  
q u a b o d i n a p t r o l e e p t h b y e n q p o u t a f f i n a t z a d i u o q r o l e z a n d i a l i o p u n t o p h a c  
d i f f i o e d i d i q d p p p t h a d d t m a c a n t h a n d f i g u r a e a d e q p p o t e s q p u s t a r g u e u t  
z o a p i p e r h s e e r o l e t u r o l e q d e i p o l e t i d u a s l i n e a s p u a s t a n t u p u b t e r

fa 36 e h j l o n d

40 **Linea potes m roale t mele no m p i mmo pio diuiditur** / h e o a p o i b y  
m a n e t h b y f i g u r a t d i p p o b y q o r e p t o q i p a a b d i d a t a d p u n t u r t i l l a s d u a s l i n e a s  
q q z a d i n t a n q p o i p b a t u t p b a t i z a p e n a l i t p u t q d p p o t e i t p i p e r h s u r o l  
q q z a d i n t a n q p o i p b a t u t p b a t i z a p e n a l i t p u t q d p p o t e i t p i p e r h s u r o l

fa 36 e

41 **Linea potes m duo mediaha didi neqt t alias duas p** / t r o l i s q d e e n o p  
t e r m i n o e a z e x q q q u i n t a e s m p u a s t m d u a s e x q b y q p o i t e s t d i u i p b i l  
h a e a d i p a l i a a b a d p u n t u r t a s q q z a n a p p o i r e f f i n y u t p u p t n f a q p o i b y  
m a n e t h b y p b a t u t z a p u a d i n t o p p o i p s e f f o p p o i t z o e q d e i p o l e e a p p o i t m o d i f f i o e d b i n o m i u s

fa 36 e

binomiu p m

42 **Si fuit binomiu logior portio breuiore potior augmto en hee q u a n t i s**  
e i d e z l o g i o r t l o g i t u d i e f u i t q e n d e z l o g i o r l i e e p o s i t e r o a l i q u a n t i s p r p o r  
b i n o m i u p r i m u s e i v e r o b r e u i o r p o s i t e r o l i q u i t e r d i c e b i n o m i u z m d i v o  
n e u t p o r t i o n u e n p o s i t e r o l i q u i t e r a p p e l l a b i b i n o m i u z m p t e s i l o g i o r b r e  
u i o r t a t o a p h y p o s i t q u t u e t u a l i m h e e i p i l o g i o r i q u i p i a b i l t l o g i e  
f u i t q l o g i o r p o r t i o n u p o s i t e h e e r o a l i q u a n t i s t l o g u e p r m u n a p a b i b i n o m i u z  
e m p r i v o b r e u i o r p o s i t e r o a l i q u i t e r b i n o m i u z m n o i a b i p r a t n e u t r a  
p o r t i o n u e n p o s i t e r o a l i q u i t e r m l o g i t u d i e e r i t b i n o m i u z s e x t u

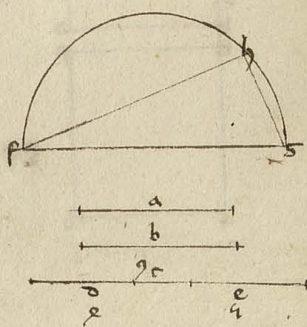
z m 3 m

e m

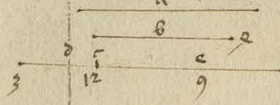
q m 5 m

43 **Binomiu p r i m u i v e r e** / e i t l i c a a r o a l i s p o s i t p u a n t q d u o m u d i b t r  
q u o r e d i p b i l p t t e t i d t n o e t i q p t e p o a q p p o i t e t l i c a a a d e t i l e f g p  
m u b a d m u r e i t p q o z a p t e p e l i a f g q u i p s l i e a r o l i p o i t e t l o g u e p u p a i g t  
l i n e a t p a n t u l q p h s p t p p o r e t i l e f g a d e t i l e f h p d m u r a d m u r d a d u m l i a  
s h d i u o t d u a s l a s f g t g h d i u e q u a n t i s q u n d p u n t b i n o m i u e p t e n l a f s q e s t  
l o g i o r p o t i o r l i a s h q z b r e u i o r t e t o l e f h p z o a n z i p e n l h a s p i q u i t a t p h m f g  
t l o g u e p z a y p t e n e a i p p o r e t o r o p a p p t p d m u o r e t o r q p e r a d l i a v o g h q u i t e  
e p t e r o l i s t p o a t u q u i p s n o t l o g u e l e f g r o q n e g l e a r o l i p o i t e t u e n p t d i l e  
f g a d e t i l e f h p d m u r a d m u r d e i t p e u s p p o i t e z t i l e f s a d e t i l e f h p d m u r  
a d m u r e l c a m a r p i t m u s e t i q e v o n o e t i p e p p e n l h a s p t e z p e n l h a s p t e z p e n l h a s  
l e f s t l o g u e p t h a s g o p a y e r o l e t p o a t u q u i t e l e f g q u i t a t a d i f f i o e f g t g h  
q p o r e b i n o m i u p r i m u q d a n t i n e d e n d a t l i c a a r o l i s p o s i t b a t m u s e t i q e v o p t  
q p o r e b i n o m i u p r i m u q d a n t i n e d e n d a t l i c a a r o l i s p o s i t b a t m u s e t i q e v o p t

q r e l l a d h y m d e a q  
r a l l a d p o t



44 **Binomiu z m r e p e r n e** / e i t u t p u s m u s n o e t i d i p l i s t d n o e t i d e z e t i d i t a  
t i u t p p o r o t o n g e q e t n o e t i d i p l i s t d n o e t i d e z e t i d i t a p u n t m u o r e t o r t n l a p u s e  
i z t e s d i p l e n e i z t g e t i t a n o e t i d e z e t i d i t a p u n t m u o r e t o r t n l a p u s e  
e s o e s d i p l i z o t i z t a l e q a p u n t o s p i r i p i q p t a u n s e t i b q p t v u l t m u o r e t o r  
p t e a t u d d p u n t a t q b t a e i t p q o p a p t i n d e n t u q b d r a d a d e d u n t a p i d e a r e  
t f a t e i t q e e t i q p o p a p t e t o r i z e q i e o q u i t p m u o r a t e e t i p p i p o t e s f i a t z u r g



no diligit p e t i a h y p a n u b u l a  
a d u a c e n d a b i n o m i u z m



















[illegible]



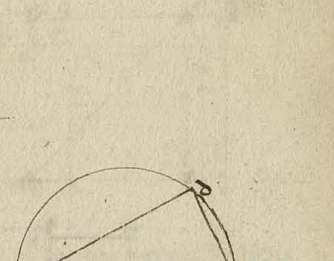
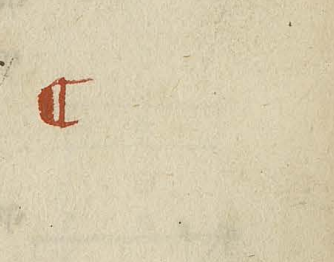
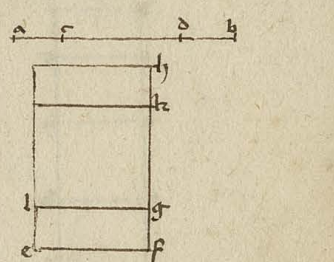






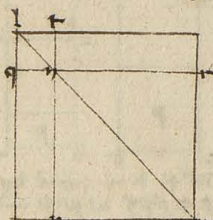


klad m n qre p ams pppu et pppu d m e f ad kl / t ipa sit p p d g h ad m n t qz  
utq duay ef t kl e r o l i s u t q v d duay g h t m u m e l i s p t r o l e v q p i f e r p e e r o l e  
14 **N**ulla linea m p vna tm repiduo meli pmo tungi pt ut sit **U** m d o l e s  
ambe sub termino earz que erat ante separatoz **h**or q p b a p l i m o p t e r a t  
utq p a m o a b o q m p i t a n t e m m e l e t h v o p i f e r v n g t a l t a r z o l e t q z u t p u s a n d  
e d i a d i o p v n g p a m o a d q m a l t a r q e z l i p i f e r v n g a d z h i p i f e r a l t a r e t v n a t a d  
p i f e r d m d u a y m e l i m t d u a y r o l u q d e t r o l e **p** u b e a r t e r m i n o f i a t m p i t m q  
15 **N**ulla linea ipiduo meli 20 quingibilis est ut ab ea ante separata erat **U** t e m  
a r i p d u m m e l e r y q f u i t i p d u a a b m p a b r e p a b a t q e x p o a b t b r m e l e s p o a t m  
q m t e s m e d i a l e q m t e s **U** t o q i p a a r u l l i a l t i l e q t b p h a c d i f f o e q m g i p t p m a t  
q u i n g i l e a d p i t q l a e f r o a l t o n e a d q a d i n g i t p i f e r e h z l i s z h s l a p a b t b r p u t  
a n t e p t s t e h q l i s q l i s l a p a d t d r p i t a n t e p t s t a q a b m a t e s z l i s z t o l e a c a t q p o a  
z i p t q l h z l z o p i f e r a b t b r t l h p a d e r z l i s z o p i f e r a d t r d q z g o t m a b a y p m i p e  
p a m o a s p m e l e t z l u e p i f e r m e l e t q u i n g i l e d u o y z h s p u t a n t e p t q n e p t e d i l i g e s  
g e o m e t r u o p o i t q p o p t o q d i l i g e s p u a n t e t p i f e r e h m e l i s t m i p a p t z l i s d u o y  
z h s p u t a n t e p t s t p i f e r l h m e l i s t m i p t z l i s z o p i f e r v n g t a l t a r p r o q g o u t d u a y l a z  
f h h s r o l i s t p o a t m t q r v n a e t q u i n g i l e a l i y e o q p i f e r e h e t q u i n g i l e p i f e r h l p d  
d u o t m z o p i f e r i n g e t q o g a l a f s i p d u m q z l a f s q e i p t q p o a l e g h u t p t a b e  
p i f e r o q u i q a n t a n t e p a r a t o r p l i t q p b a b e a d e f s q p o m n i l a g h a n d e q d i o e m e  
d i a t h o p i f e r e h t z l i l e u a y p a e z l i s z h s l a p a d t d r p i t a n t e p t s t z z o p i f e r v n g  
z a l t a r q d e t r o l e p l e q t h m o y d u o y p t e e q i s n e t r e s e o r e a p a m b o y  
16 **N**ulla linea mmon quingibilis est ut sub suo tio fiant msi tantu q pbi ante  
abspioez uigebat **U** t e l l i g e q p t l a m o r q d p o b l i t e s q u i l e m a t p i o b i r e q d u a s  
p p o t s t p u t t a s p p o t s t p o t i s t p l i b u e t q a d m o d o t a g a p r e d e p o m n o p t u t  
17 **L**inea q quitta cu roali fat totu mediale msi vni tm co sub earz tio fiat  
q u e p t l a q p p o t s t t a z d i d i c t u t a g o d e a v o l u s q d p h a c a d d m d u a e a  
p p o t s t a z e t q u o q u o d e r i e s f t p d t a g p d e l a m u t i g e i o d u r e p r e d e p o t e s  
18 **L**inea q uicta cu meli fat totu meile msi vna tm liea iugi neqt ut sub  
earz tio fiant q erat ante separoz h y l e q u i c t a t m m e l i q p o t t o t u m e l e m a g i s t  
e a z d q u a q d h a g a m a t a t p r o d u c e r o g e i s p d i p d u o m e l i z o p a o e m m a t a t q s t  
19 **P**optis duay lieis alia roali alia vo ipiduo addita q ipi ipiduo q d u p s t  
a l i a l i e a p e n t m p i f u e i t t o t u m e d c o p o s t u p o t e n o l i e a a d i e c t a m z o  
h e i p i t o t u q m a t t l o g n e f u e i t q i d e r t o t u p o p t e r o l i t l o g n e q m e s i a b l e  
q d p o p t u e r a t d i c e r e p d u m p m u **U** t a v o l i a d i e c t a p o p t e r o l i q i c e r  
t l o n e d i c e r e p m z m **U** t p f u e i t u t q r o l i p o p t e t l o n e t o m p i a v o b i z m  
i p d u m **U** t p f u i t t o t u l i a p o t e n o r a d i e c t a a u g m e n t o z h l i e e p i t o t u t o m e  
p u a b i l e a d e r q t o p o p t e r o l i q i c e r t l o n e n u t u p a t i p d u m e m **U** t v e o  
l i a d i e c t a p o p t e r o l i q i c e r m l o n e i p d u m q m v o b i **U** t p f u i t u t q p o p t e  
r o l i t l o g n u d i e t o m e s i a b i l a p p e l l a t i p d u m p e x t u **U** t f i l e n o s a b s o l u t  
20 **R**epiduum pmi in vestigare **U** t i n v e n i o e o m p p e r i p d u m t u e n o p o r d i e z  
o m p p e r b m o y **U** t a q l p e b m o r o p s m i o r p o r o a b m a t d m a i o r t l i q l i e t  
i p d u m p l i s p e i u t p e x d i f f o i b i b m o r o z i p d u o y p p i s t i d u e n o i b i p d u o y p p s  
t a t q p i t q m u n g p u t l i a a r o l i s p o m a n q u i a b i l t l o n e p a t b r p t q e m i s  
z h d i m d u o z h s f t z h s p i t q p o r o z h l e b r a d z h l e c d p d e a d f e i t q p u l t a z  
p t e a c r o l i s t p o a t m c u i t a y p t b r p o t a n o r e d t z h l e q m t s f t l o n e q d p p d  
t e p p l a n a t o e b m o y p o s t a t q d i f f o e l a y d b e s s e i p d u m p m u **U** t q q m s t l o n e  
81 **R**epidui 2m patefare **U** t h u d u i p m z m p t a l a r o l i p o p t a t d t p t z h c d  
a d z h b r p d f a d e a t q d b i p d u m z m q d i f f o e t i d u b i m s a p o p t a t u o p u a s y p o  
82 **R**epidui 3m pprutui **U** t p i z m p e h e p o m a u t p a r o l i a b m o y z i p e h o e d i g e s  
m i o q e z o d i p t p u o z h s t z h s a m p p o h u o p o p t z h l e a a d z h l e b r p d  
h a d e t z h l e b r a d z h l e c d p d e a d f e i t q q d i f f o e d q p h e p t a s q u i l e b m o y  
83 **R**epidui 4m tuere **U** t p d t m e r o e i p d u m p i p t l a b r q m s l e l i a b d i p d u m z m  
a r o l i p o p t e m i s a t e z m p t d i m t f t g q p t u t q u o d m p t z h l e b r a d z h c d  
p d e a d f t p i q q d i f f o e l a y d b e s s e i p m z m p a o r q t m e r o e b m o y e d i d i c t a s o b l i t  
84 **R**epidui 5m demare **U** t i p m q m t u e r e l i b u t e t l a c d q m s t l o **U** t f u e i s  
l e a r o l i p o p t e p d a t t a p r o e z t e i t z h m i s e d i m t f t g q u m e n t z h p d t p i g a  
t a t z h l e c d a d z h b r p d f a d e l e p q a d i f f o e q u i l e l i g h m p u s t n o t a b m o y q  
85 **R**epidui 6m demu presto p tuere **U** t p d u m o m p i t i p u t p t l a y d b e e i p m z m  
u t p u s l a a r o l i s p o p t a t e m i s z h d i m t f t g u o d z h t a t h m i s p i t z h l e a  
a d z h l e b r p d h a d e a t v o z h b r a d z h c d u t e a d f e i t q q d i f f o e l i d b i p m z m  
p n o n p l a n e a i g m a p p e r i t p o t e i t e q u e t t m e r o e b m o y o





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hijp nre nre ad qd duple



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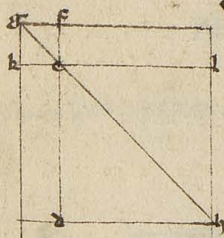
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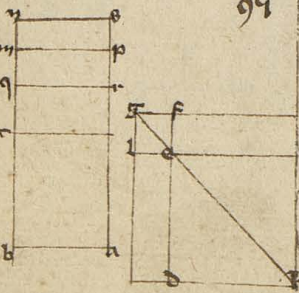
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hac qd  
vid duple

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**Si** fuit superficies linea rōli ac rōduo pmo qdēta latq ei⁹ tetragonu  
nre est esse rōduu. **Si** p fies ac qdēta hā rōli ab rōduo pmo b c duo q latq  
tetragonu p fies ac ē rōduu. **Ad** huc ad hā b c hā c d p fies illa m d rōno h fuit p  
p fies ex diffioe b d rōli lōne r c d r p o t nā b d q ē p o t nōr d r r tō h c p o  
q nā h r lōne d dāt itn r c d p ē l i a r e r t o t n b d d dāt a q d rōe r f q r t b f r p d p t  
e d m e l o r o p p o l i s e i t q q r a p t e r e b f q nā r lōne f d p q r g u t q a y q n t n  
tō l a b d q r e p d i f f i o e a b e p r r o l i r lōne d u n t i t n h e f g e h c h q d p a t q a b e i t q  
p i q u t q d u a y p f i e a f r a d r o l i p n t g o d h l u e l e p i f a a f e i t q r o l e r e l a t q  
r o l e r p o a p u t n i t n d r o p t e t n d i a d o a l i l u n d e b a t d h l u e l e p i f e r g d e i t q q a p  
r o l e r e l a t q r o l e r p o a p u t n a h a t a u d u e h e t u p q u r q d p a t l a t b q t o l q t d i o g o  
d h p r e e l e p i f a a f r e l a t q q d e n p e r p d u m t n e u h a d e p t q p p o t n m e l o  
p p o l i r t b f r p d e i t q p a a p i f e r d h m e l o o p p o l i r t d u a y p i f a f r a d i o q t d u o  
d h l u e l e d o g d e i t t r e l e e s t o t n i t n g u o n o m i p t n d o n m e l o c g q g o l u n  
c a t e l e a f r o l i q m n e l e a r q a p u l a t i s d h m n p t r p d u m p r c o l l i g e r e e u n t  
d u a y p t t n r o l i r p o a q o q u t q d h l u e l e r o l e v n a a t e d g u p i a l i s a l y p  
p i q q r t o a h o c o q d h l u e l e r o l i a l i s p i f a a f r i f a h d d q a f r h d m a  
p i f a q r p e p r o m p i a l i q e r e q p a a v n a a y a d a l t a y p d l a b f q d r o l i r lōne a d  
h a y d e q d r o l i r p o a h a p o b d h a p u q p t p i f e r a r e r p i r t h e q d t e n d a

**Si** superficies aliq linea rōli rōduo qd rōtēat linea sup eay potes eir rōduu  
mēle pmi hā hā q argue p d p i f a p d i f f i o e r p d u m r i r a p t e r e q r i g u t q g a

**Si** linea rōli rōduo qd rōtēat eir hā sup eay potes rōduu mēle r m  
p o r i d u a o i r p t e r f i l e q d u a y p p o t n q d i f f i o e r p d u m r i r a p t e r e q r i g u t q g a

**Si** fuit p fies hā rōli rōtēat hā sup eay potes eir hā m i o r hā hā q  
nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** fuit p fies hā rōli rōtēat hā sup eay potes eir hā m i o r hā hā q  
nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** fuit p fies hā rōli rōtēat hā sup eay potes eir hā m i o r hā hā q  
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nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

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nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
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**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
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nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
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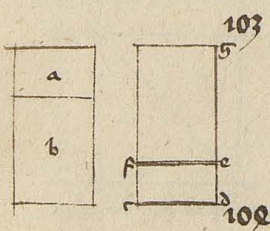
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nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e

**Si** linea rōli rōduo qd rōtēat hā sup eay potes eir hā m i o r hā hā q  
nō a l i t p r e d a t q p u s f i l e e u d e t n b i q d u e p p o t n p p i f a n d d p i n a q d i f f i o e









ni 210 | ex 10<sup>a</sup> / 5<sup>a</sup> ex 13<sup>a</sup> / b ē nū mēli qponēs mēle / Cūtu at ad 2<sup>m</sup> modū / eīr d e r p<sup>m</sup>  
 6<sup>m</sup> ex 9<sup>a</sup> / i dōq; t e 5<sup>a</sup> ex 9<sup>a</sup> qūe b ē nū mediali qponēs mēle ex 9<sup>a</sup> /

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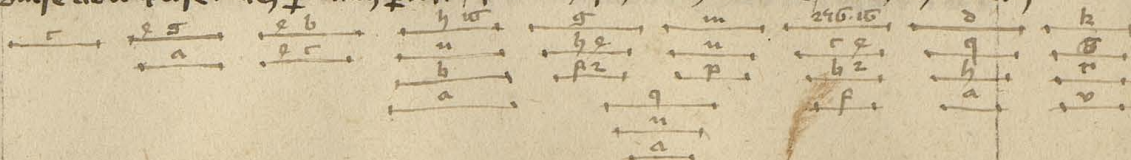
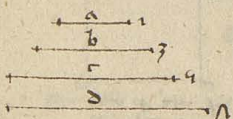
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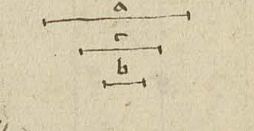
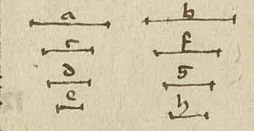
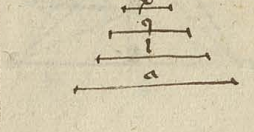
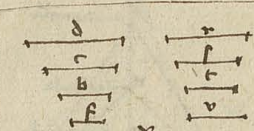
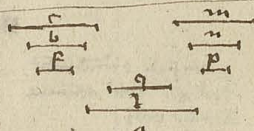
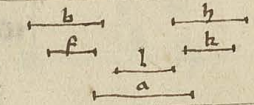
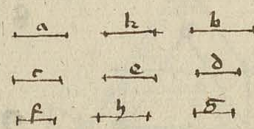
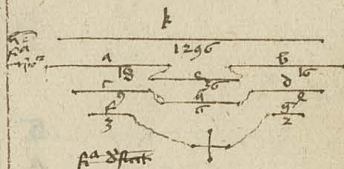




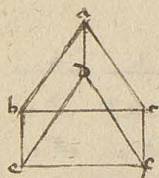
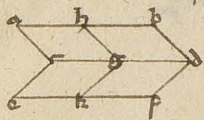
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 a & b & c & d & e \\
 2 & 2 & 2 & 10 & 240
 \end{array}
 \end{array}$$

200

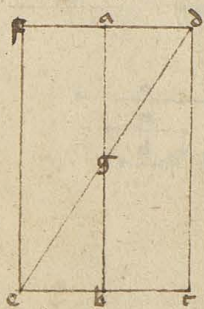
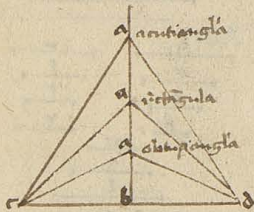
200







si latu fixu & circumductu  
intelligat latu quoniam  
angulu totu



**C**orpus est qd longitudinez & latitudinez et altitudinez habet cuiusq; tñ  
sūt superficies. **L**inea erecta sup superficies ē q̄ cū singulis sibi q̄termi-  
nalibz hēis in ea superficie extēsis angulos rōs fāt. **L**inea at her  
sup eaz superficies p̄diculais ēē & ad eaz orthogonalit̄ m̄ssere dicit̄

**I**ntelligat eia lā ab expurgē sup planū ita q̄ punctū p̄tē & aere & b i plano p̄a p̄nto  
b durat̄ & eodez plano hēe plures b c b d & q̄t̄z alie p̄ gō ita sūt q̄ lā a b cū lā b c  
cū lā b d & cū q̄t̄z alie p̄tē a p̄nto b i plano illo agulū itū q̄t̄z ipa dicit̄ ēē p̄diculais  
ad illa p̄fēq̄t̄z q̄ p̄tē p̄ hēe lā p̄ b c & b d & alie cū q̄t̄z ipa p̄tē angulū totū

**S**uperficies at sup superficies erecta est quonies lēe que est q̄s tñ illam  
superficies due p̄diculais q̄termiales p̄stāt que rōm angulū q̄t̄  
nētes in eisdez superficiez p̄tē sūt. **I**ntelligat eia p̄maginē p̄fēq̄ a b c d expurgē p̄ p̄fēq̄  
c d e f latē & intelligat c d ēē q̄t̄z tñ abaz p̄ in ea itaq; p̄maginē p̄ntū g a quo ad lā c d  
q̄t̄z hāc due p̄diculais una p̄fēq̄ a b c d q̄t̄z hāc & alia p̄fēq̄ c d e f q̄t̄z hāc p̄fēq̄ a b c d  
q̄t̄z hāc due lēe p̄diculais p̄ hāc & hāc & q̄t̄z hāc p̄fēq̄ a b c d & orthogonalit̄ eia p̄ p̄fēq̄ c d e f

**S**uperficies equidistantes sūt q̄ in utralibet p̄tē p̄tē non q̄t̄z p̄tē  
in infinitū p̄tē hāc. **I**ntelligat eia qd dicit̄ & ad hāc dicit̄ q̄t̄z p̄fēq̄ p̄lāc  
a p̄ equidistantes aduicē & dicit̄ p̄tē p̄tē q̄t̄z p̄tē alibi & sup rōm lā p̄ p̄tē p̄tē  
at rōm uō & uō ēē equidistantes ut & utiq; p̄tē p̄tē q̄t̄z p̄tē q̄t̄z p̄tē q̄t̄z p̄tē q̄t̄z p̄tē  
uō equidistantes abuicē uō quālibet p̄tē p̄tē q̄t̄z p̄tē q̄t̄z p̄tē q̄t̄z p̄tē q̄t̄z p̄tē

**E**qua corpa sūt atq; alia quoz terminales sup vniū aereat̄ p̄tē atq; p̄tē  
**S**imilia corpa sūt q̄ p̄tē sup superficiez vniū q̄t̄z p̄tē q̄t̄z p̄tē q̄t̄z p̄tē q̄t̄z p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

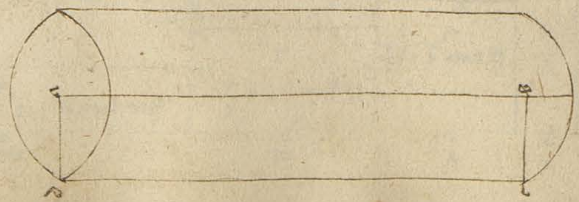
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**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē

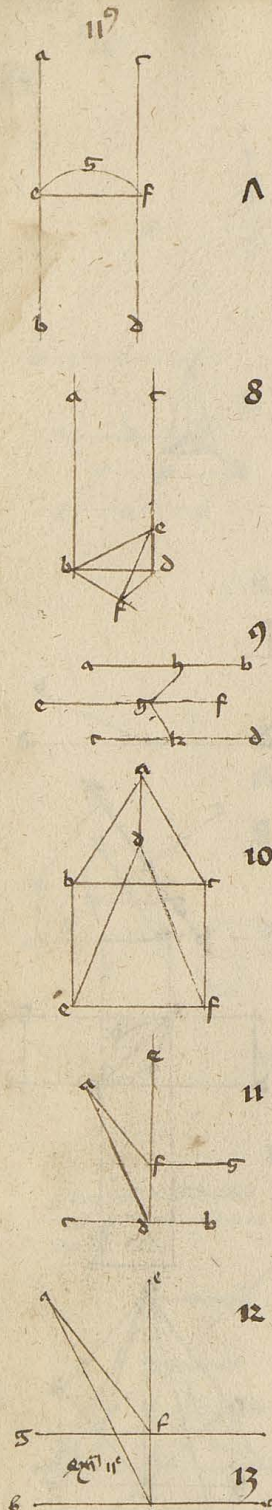
**C**orpus serratile dicit̄ qd q̄t̄z sup superficiez q̄t̄z p̄tē p̄tē p̄tē p̄tē p̄tē p̄tē











Cor. 11<sup>a</sup> p<sup>11</sup>

27 cor. 11<sup>a</sup>

11<sup>a</sup> **¶** In duabus lineis equidistantibus duobus punctis signatis ab altero ad alterum recta linea ducatur in qua suppone ille due linee pte  
 8<sup>a</sup> **¶** In idem planum due linee equidistantes altera vero orto reliqua q<sup>ue</sup> ad idem  
 9<sup>a</sup> **¶** Due linee vni no in vna p<sup>ar</sup>te equidistantes eas q<sup>ue</sup> p<sup>ar</sup>te equidistantes nate e  
 10<sup>a</sup> **¶** Due linee se angulariter conti<sup>ngunt</sup> oppositis equidistantes fuerit no ab  
 11<sup>a</sup> **¶** Puncto in aere assignato ab  
 12<sup>a</sup> **¶** Suppone p<sup>ar</sup>te puncto q<sup>ue</sup> in ea assignato ab eo puncto fines lineas  
 13<sup>a</sup> **¶** Quas lineas sup punctu eundem vnu ad sup p<sup>ar</sup>te est impossibile  
 14<sup>a</sup> **¶** In linea vna in duas superficies assignatas orthogonaliter insitit ille  
 due superficies p<sup>ar</sup>te in infinitu in quacq<sup>ue</sup> pte protrahatur nunq<sup>uam</sup>  
 concurrent



















atq; p linc q duo solida b h z c d elia p atz p linc d solidis at b h z b h q pnt qo 29 q  
ipa p elia p eia elia z qntuta p vna t endes bap z ipa e p f q eia p l q b f z p  
haz vna p eia at p 29 q p p o r o l o d i a b a d p o l d i a b l p d b a p s a b a d b a p b l p e a d e p o l d i  
b b a d p o l d i a b l p d b a p s b h a d b a p b l q u q p r u n q d u a y b a p a a b z b h a d b a p b l v n a  
p p o r o p o p a p t e p e q a t u n q d u o y p o l d i o r a b z b h a d p o l d i a b l v n a p p o r o p o p a p t e  
q e q a t p d u o p o l d i a a b z b h e l i a p q p o l d i a b h z e l e p o l d i b h p o l d i a q b h p o l d i a c d p o r  
e x q p n a p o l d i a a b e e l e p o l d i c d q d e p p o r o r b a p b q p n t u t a e q a l t a f u e n t

32 **Si** solida equidistanti p f i c i e x m e q u i s i n e e a t a n g u l a r e s o r t o g o n a  
l i t e r n o n s t e r e m t i p m e q u a l i a e e n a t e e s t p a b i n t h s d u o r c o r p i b q n t p p o r o v i g  
q p t e q d i s t a n t i t i o r e q a l t a z p b a p s e l e p n o a t p u p b a p s p a s e r t a p a b o p u p e s i d i a m  
p a p o r a n t p u p m a p p f i c i e x i p o r a d b a p s p a s p p e t d u m l e t a p o r o a d p o r o l e q  
d i s t a n t e t e p i p o r o p f i c i e x p f i c i e x e l e p p e e n p o l d i o y p p o r o y a l t i t u d i e s d i f f i n i t z  
p i t e s p o l d i a e q d i s t a n t i l a t u p f i c i e x q n t a b q p p i s s a h d u o p o l d i a u l t i o q n t u t a a d i n t e  
e e l i a t u q d u o y p u o y z d u o y p o s t o r p t e e d a b a p s v n q o p p u p m e q n t a p o 29 u l  
30 z h a r q p n a q n t e q l i b q p e l i a p t u n e s t e l i a v n e e q d p p o r o e t h r q p o t e s q n t a  
h r z p a p t e e i p e m e d i a b q i d i n t e d i n t a r e p l i b q e a d u n d z a d i d e i g n s p d i q n t a d u a y q n t a  
a u n d d e d u r e d p o n d e e a d u o p o l d i a p a l l o g n a e e l i a z p i e l e b a p s q n t a e e  
e q a l t a u l p o n d e e a e l i a z e q a l t a q n t a e n e p e p i e q l e s b a p s p p o r o a h a e n t

33 **Si** solida equidistanti p f i c i e x e q a l t a p u s b a p b q p d u o p o l d i a e q d i s t a n t i  
p f i c i e x e q a l t a q n t a p i d u a y b a p s a b z c d d a r e q p p o r o e t p o l d i o y v n q a d a l t a z p d  
p p o r o p a y b a p s q p a b z c d v n q a d a l t a q n t a q d e q p o 29 h o y u n q y b a p s e e e q  
d i s t a n t i l a t u d u o z l a t u o m z e q d i s t a n t i e a b p t u n t a t z e t e a f i a t p e s e q d i s t a n t i l a t u  
q p t e e l i p c d d e h a p i p f i c i e x f e q p l a t p o l d i a p a l l o r e q a l t a e i q d q n t u t i z p b a p a b  
p t a y e o p q s t i q a p i p f i c i e x p o n t p i l i a b f h a t p o l d i a z p u e b a p s e i p d m i n u p a n o b q  
q p o b a p s e e e l i p b a p c d e i t q p a u l p d p o l d i a f e e l e p o l d i c d e t q t o l e p o l d i a e  
p o n t p i p f i c i e x q n t a p i l i a b f h a t p o l d i a z p u e b a p s e i p d m i n u p a n o b q  
p o l d i a a b p o b a p s f e a d b a p a b l i q s p t c d z f e t a b a p s q p o l d i a e l i a b a p s q d e q p i p o t e p  
p o l d i a a p o 29 u l p e p o p a q b i p a p i p t a p e l p b a p b q z p e l p p o l d i a y p o l d i o y a b z c d  
b a p s a b z c d p t p p o r o v n a q d d u r a d v o l e b a p e i q h q e n t e p a m e t e d i n t a r e  
p d q n t a p p e d e r a n o e d i f f i l e p o n a s e n d u o p o l d i a p i l l a e e r b a p b q p o l d i a z q n t a  
e e e q a l t a a b p i p o p u s b a p b q p p o r o l i a e t h a r z z e n e e e f f e t t o l e a l t a q a q p n a l e  
p o i a t a b p i p a z d e m i p p u s b a p b q p p o r o l i a e t h a r z z e n e e e f f e t t o l e a l t a q a q p n a l e  
a b p i d i s t a n t i p d e m i p p u s b a p b q p p o r o l i a q p p o t e p p e q p a p t e q q t o l e q d a d i p i p  
d i n t a l t a q z p n a l e q d a b e o a b p i d i s t e e q u a l i a a l t i t u d i n u p b a p s o r t o g o

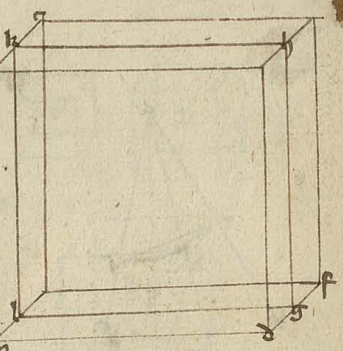
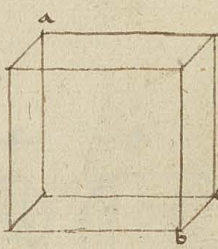
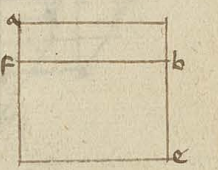
34 **Si** duo solida equidistanti p f i c i e x l i t e r e x e r t i s f u e n t e q u a l i a e o r o z  
b a p s e o r u d e z a l t i t u d i b q m u t u a s e e e n v o f u e n t p u e b a p s p u s a l t i t u  
d i b q m u t u e i p m p o l d i a p u n t e z e q u a l i a e e n a t e e s t p a b i n t h s p o l d i a e q d i s t  
t a n t i p f i c i e x e l i a c o r p a p s z a l t i t u d i n t e e e m u t u e f i a s z e o p d p p f i c i e b q a d i s  
t a n t i l a t u e q a n t i z p p o r o p u t h a r z e a i p n d d i n t a n d p p o r o d i l l p o l d i p p a l l o r  
z q l e a l t i t u p u s b a p b q o r t o g o n a l i t i p n t e o v d q p p o r o a d e o r o d e t e s e i t g o m e  
d u o p o l d i a p a l l o g n a a b z c d e l i a q z b a p s p t a e z c f l i e q a l t i t u p o r o p t p h a p b a p s  
o r t o g o n a l i t e r z p t a l t i d p o l d i a b l a e b z p o l d i c d l a p d p i g o f u e n t d u e l i e c b z p d e  
t i a n t e y p o r p o l d i o y a l t i t u s a d i n t e q l e s a p a d q p o l d i a p t q p p o t e p e l i a e t q o q i m z l u p s  
c o r q p a e z c f e l e s p o r o y b a p s z a l t i t u s e i t m u t u e p o r o y q n t a b p p o r o p a p p o r o p  
p a y z e o q n t a b i t z a u t p a l t i t u z b a p s p t m u t u e p o r o a l t i t u s e l e p e i t q b a p s e l e s p o r o  
p z a y z p o l d i a e l i a z p i q n t a z p p a t o p i l i e b z f d n o f u e n t e l e s p t f d a o r z e x  
e n i p o r e f s a d e q l i m t e z e b f b q q e t i s l i e s q p a l t i t u d i p o l d i c d a d e n t e m e p u a  
i p u n t i s h h l i p a t i s p f i c i a p o l d i a p a l l o r e g e q a l t u p o l d i a b e i t a p p i p m a b a d c s  
p d a e a d c f e i t u n t e d p t e l e a b e i t q p a p t e p e q c d a d c s p d a e a d c f p p i p m a p e p p o r o  
c d a d c s p d m f a d p l q d p i p o n a q l a t i t u b p f i c i e b q p o l d i c d z i p a p t m f a l l i g n a  
b a p s p i p a c p p a y g i m f a d p l p d d f a d f s p o r o p n a y q p d d f a d b e g o a e a d c f p d  
d f a d b e q n t a i t a y p a p p z a p t e a p t q u a p p e q o p o n o p p a b p t e n e n d d i p p o e  
m a n t e p p o r o a e a d c f p d d f a d e b d i n t p o l d i a a b z c d e e l i a p t e n a p o p a q d f  
a d f s p d a e a d c f p p i p m z a b a d c s p d a e a d c f g o e a b a d c s p d d f a d f s p p a  
a p o z d f a d f s p d m f a d p l z p p i p m c d a d c s p d m f a d p l p t a y c d a d c s p d a b a d c s  
p o p o q a q a b z c d p t e l i a q d e t p p o r o f u e n t e l i a e o r b a p s e o r u d e z a l t i t u

35 **Si** duo solida equidistanti t i o r d i m b q e r u t m u t u e s i v e r o b a p s  
p u e a l t i t u d i b q p u s m u t u e f u e n t q l z d u o c o r p a e q d i s t a n t i p u p f i c i e x  
p b a t u z e e e q l i a e d p p o r o p i p m d p o l d i p p a l l o r q u o p l e a l t i t u p i b a p s p u s  
o r t o g o n a l i t e x u n t h h z a p p o r o d i p n t e d o r o d u r a d a t q t h a r q p i p m p d d i n d  
p i n t u i p p o r o p f i c i e x e n d u o p o l d i p l a t e y e q d i s t a n t i q l i b q n p i l e a l t i t u p u s  
b a p b q o r t o g o n a l i t p p o r o q n t a v n e e q d d p o p i p m p i n a p a o r a n g u l a b q p u n t i s  
p u p m a p p i p e p i n t u y p o l d i o q n t a l i e d e m i t t a p p e d a d b a p s v l a p u n t i s a n g u l a b q p  
m a y p i p e y q n t a e i g n a t q t d u o p o l d i a p a l l o g n a p f i c i a e q a l t a p o l d i p p o i b q e t p q  
z a z z o a h d u o p o l d i a d u o y p o i b q p o l d i s e l i a t u g o h o y z e o r p t e e d e b a p s z e e d e  
a l t i t u s p t a p p o p i p m p o i b q n t a e q d h z a p p o r o v n q a t d p o r o i b i d e z

36 **Si** solida equidistanti p f i c i e x f u e n t p l i a p p o r o e i t u t i p s a d a l t i t u t i p  
m h p u l a t i s a d p u i z e l a t i n l a t y a l t i t u s p p o r o t p l i c a t a e n d u o p o l d i a a b

(e r t f i g l e e x 29 p)

p f i c i e x









































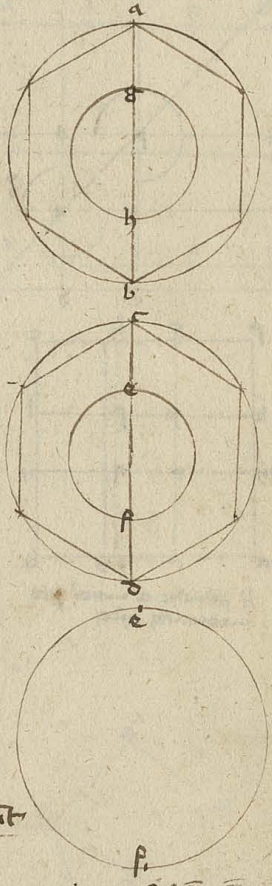








**¶** Si a duo huius corporum q s demisse due pcedit q p r s m d e f d i a m e t r i d b  
 t h m i p h a b a t h e q s t y z e r p q q e a g i d u o t u n t q p d t s h p l e q r e p p o r d u o r p  
 p d i a m e t r i q y z f z e t p d u o r c o r p o r q d t s h l e q p t t o r d e e f l e r e t e p p d r q d e f  
 t i p e s t e d i s t a n t e s q o n i i n t c o r p o r q s p t e r e d i s t a n t c o r d e d h p d q m o r e a p e  
 q o a p t i p m u t c o r p o r q s p t e r e d i s t a n t c o r d e d h t m o r e a q o q r e p o e l u i t a z c o r d e  
 q p l a t a p o l i g o n i t p h i t u l o i a r e t t o q p e c f l e r c o r d e d h n o t a g n t p e a z m i q m a r e  
 u t n l l y l a t h h a z b a p a c o r p i s t p h i p i q d u g i l e p d p i t h o n e t a g n t e n d e z m i o z p p a z  
 n o o i a h e r l a t a p d i p i s c o r d i s e q u a l i a a m o r a p p l i n t a p d i r o h y n l l a h a z b a p a d q q  
 o i q m a f e s t u e q o z a p t e r e i i q i p e s t t o t e t p i e v n a p t a l i q u o s p u p u c t o q h u g e  
 m i o z p p a z e q o i s l a r e d u c t a p o h p u c t u q h a m e d i s t a n t c o r p o r t u m o r e u n d o r e  
 e n p p r a t t u l i e g o q r e x i t a s a l i a z q i t a z p e r e t a p p i a s e m i p p i q i f i o i s a d l p  
 p l i m d u e q d r a l i s t u l a t e p p i p h i c h o p u b t e x a t u r e i t m a i o r p e r e c o r p o r a z b a p a  
 p i f a n e m i o r p p e m i n u e t a g n t a q a d m o d u p p o p h i f i a t t p h i t u o i p p p i n  
 a l i a q h p a p l e c o r p o r p a t u a t e i t p p o r v n i q a d a l t u p d i a m e t r i v n i p p e r e a d d i a  
 m e t r i a l t i s p l i m t a t u e n t e n a z b a p a v n i c o r p i s b a p a t o r d e l a t a t a p p i z a d u h o  
 o m v i t e r e r u p t e i t p p a z i p a z h a s a p p i z a d p p i c i s p a p i g u l i s a n g u l i s t p o r e  
 c o r p o r q p p e c u l i t c o r d e z c o r p o r h a s a d e t p p a z p d u n t p p i z a d u h o q d i f f o r  
 p l u g c o r p o r p b a d a t a s p i z a d u h o v n i q e p l e p u p i l a t u s p i z a d u h o a l t i q q p b a t  
 e t q o d h p p o r v n i q e n z v n i q a d p u z i l a t u a a l t i q p p o r p e d i a m e t r i v n i p p a z  
 p p a z p l i m t a t u e n t e n a z b a p a l a t e r a c i t a z p i z a d u a t q p e d i a m e t r i d i a m e  
 t r o r e x v a q e t v n a p p o r o e x v a e n d e f a l e q u i d e s p p o p h i t u o i p p p i n

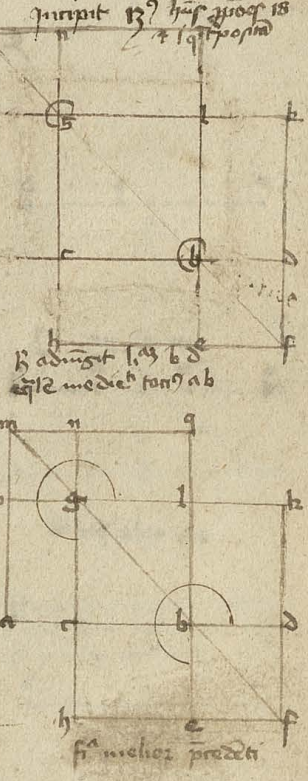


**16 Omne duorum parum proportionis est alterius ad alterum tamquam ad diametrum**

**¶** Si due p p e r e a b t c d q u a z d i a m e t r i e d i a t a b  
 t c d d i r o q p p o r o e a n e s t p i c i t p u a z d i a m e t r i p p o r o f p l i m t a t u d i a m e t r i q u i n e z a d  
 m i o z p p a z q p t c d n e z a d m i o z e p p o r o p p e a b p d d i a m e t r i a b a d d i a t a t c d f p l i m t a  
 f p e q d e z p p o r o p p e r e a b a d p p e a e f p d d i a t a a b a d d i a t c d f p l i m t a c o r d e s t r a b o i t a z  
 q p p e r a e f n o p p e e m i o r n e z a o z q p a r d p e n a f f i n e t a a d i p a d e e m i o z y m a  
 g i a b o r e n t d u d i t p p a r d u l t u d i a a b c o d e f a t h o t i p b a p p e r e c d n e p p o r p i p p e  
 v n i c o r p o r m l t a z b a p a n d t a g n t u p p i c i s p p e e f m i o r i s p p o r q d c o r p o r n o i e p p e r e  
 e n i p h i t c d p p a p l e c o r p o r m l t a z b a p a p i b a p p e r e a b q d c o r p o r n o i e p p e r e d i a t a b  
 c o s t a t i t a z p a p t e p i p p e t p a q i i q i q p p o r o p p e a b a d p p a z e f e s t p d c o r p o r m l t a z  
 b a p a q d e a b a d c o r p o r m l t a z b a p a q d e c d p p o r o e n e p d d i a m e t r i a b a d d i a t a  
 c d f p l i m t a h o r q d e z q o p p o t e r i l l a v d e x z a p t e p i p p e q i e p u n t u p p o r o p p e a b a d c o r  
 m l t a z b a p a a b p d p p e e f a d c o r p o r m l t a z b a p a c d f p l i m t a p p a a b p i t m a i o r c o r p e  
 m l t a z b a p a a b e i t c o r p o r p e a e f a o r c o r p e m l t a z b a p a c d e n a p d i a t a a d i p a d e n z e e  
 m a i o r q u i t a b o i p i h o n d e i t e n p q u i t p p o l i m t a t u p p a e f a d p p a z a b p d d i a t a c d a d  
 d i a t a a b f p l i m t a t u e n t e p p o r e c d a d p p a z s h e i t a z q o i q p p a s h e i t m i o r p p a  
 a b c o q p p a r d p o s t a t m i o r p p a e f q i e p p o r p p e c d a d a l i q p p a z m i o r p p a a b e p d  
 d i a t a c d a d d i a t a a b f p l i m t a q d e t p p o l e n a p o h p o r e q p p i t a o r t o t o u t d i a m e t r i e  
 p u s i t a z p p a e f n o e a o r n z m i o r q p p a r d g o p a q q u i d e p p o r o q d o z q l i b i z f e i p o r t

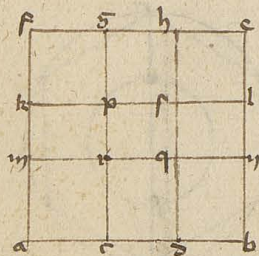
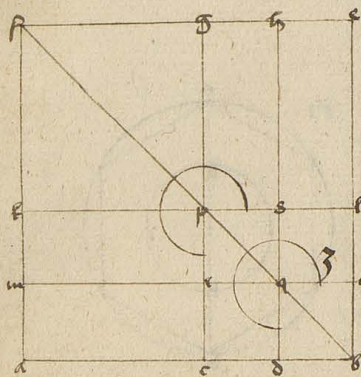
**¶ Vm diuisa fuerit linea secundum proportionem huius medii duo ex extrema si maiori porioni linea in longum addatur equalis dimidio ipsius linee proportionabiliter diuise quadratum linee ex eis compositum est medietatis eiusdem linee diuise quintuplum esse necesse est**

**¶** Si h o n d i a m a b d i a m i p u c t o c p u t d o z q a g i m a i o r p o r o n e n l a b c t u n p b r a d i u  
 g n t e n t h e b d q p t e q u a l m e d i e t t o n q a b d i r o q q t h e c d e f q u i p l u a d e t h h e e  
 b d c u a d r a t o e n l i q b d t p t e q d e t a t r i p o n a h u i c q t o g u o m o e s p m q i t e z l e b c  
 p p t a d i a m e t r i f b s q i t a z a d p o p h i g u o m o e s d e i t a z q o z z a p i p q i n q p o r o q p t h h  
 t p q e n t h e c d d i r o g o q t h h k q u i p l u e e a d e n d e p t e n d e e n t a d p o p h i g u o m o i s a  
 p b i q z a d p o r o e l a l y g u o m o a d q i t a z h e a c p p t a d i a t f b u p q a d m p t a z h p g u o m o  
 e n l t p p t a h a t h e c u t p l e d i s t a n t l a t i b o p p o s i t p a t e z p e p u p d i a m e t r i f u n p u c t o s  
 a n a f e s t u e s t a p q o z a g i q p p o p h i e x h o r g u o m o e z o t o c l t i p e p t a q z e n t h e l i d e  
 a b q d q o z a z m i o r e s t e q u a d r u p l u a d e n t d e e o q h a d b e m e d i e t a t h e a b c u n g  
 p t q o p u a p t e i o e p i p q a n l e d p p e z p i m l e q l i s d o c l p u e n t e n a n p d o z m l q o  
 b a t a c t e l p u e n t q o r b t p e t n q o p u a g i p t a l z a a d l d p d o z d u p l a a d l d e q u a l l d  
 z e p t a n g u l i s q o z a p i e t q o h a r q i p u a p e q l i b e q l i a a d d a s t o t a f a t a l i a e n t a q e l e  
 g u o m o e s d h i c g o g u o m o q u a d r u p l u e a d e n t d e p d e n t e n t a q p p a z t o t a e n t h h  
 n i p m q i t e x p p l o t q d u p l o e i t e x q i p u a q u i p l u a d i t e z q d e p p o p h i t a z a l i e e x q  
 z q i t a z q t h h e a b e q d u p l u a d e n t h e b d t p z a z e n d e q d f i t q o a b b c e q u a d e  
 e q d q b d b i p t b r t a c e a l e d o a b a d a t q o a b b c e q u a d e e i q d q o b d b i p t b r q d  
 q p a z m a f e s t u e n a b p t d u p l a a d b d p a z q d q o a b t a c e p p a p t e i o e p i p q e l e d o  
 b c i t a z p q e p p a z q d f i t q o b d b i p t b r t a c e a l e d o a b t a c e p p a p t e i o e p i p q e l e d o  
 b d q u a n t p u a d d i t o e n t b d e i t t o t a g u o m o q u i p l u a v n i q d q d f i t q o b d b i p t b r t a c e p p a  
 t e n t b d t a q o z a z h o t o t a e a l e d o c d q u a t v n i e e q d d i p u a t p u a z p o r o n i p t

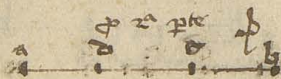
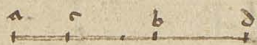


**¶ Si cuilibet linee bipartite cuius est alterutrum quintuplum in longum**





h' p'brahe a maior pte  
medicinas q'ndez



no utile petra

A horizontal line with three points marked by vertical ticks. The points are labeled 'a', 'r', and 'b' from left to right. The line extends slightly beyond 'a' and 'b'.

linea addat. tunc eidez portioi reliqua portio nū addita fiat duplex eadez  
duplex linea fm portioi hūter mediu duo qz extrema diuisa ēit maior qz portio  
linea media. **S**icut qz qm pme duplex modo p d illa dms p mbi r t r o s d r eade p m  
dissoc manente v s p t q h i h t q u i p l i d a d q h i d e t l i a a b d u p l a a d l i q b d d i c o q l a  
a b d i m e t p u n t o r f i n p p o r t o i h u t e z m e d i u t d u o q m a t i m a i o r p o r t o e l e l a r b q s i n t  
a p q e a r q q h i a q e q u a d r u p l i d a d q h i d e t m q q u o m o e s d t e q l i s q t o a q q u o m a  
d u o s u p p l e m t l d t r e p u t a r r e p t i p t q h i q u o m o c m l t q z e a d e z s u p p l e m t p u t a r r e p t i p t  
q p a t q m a l p d q q h i c q s q t q e q p t e q l q u o m o c m l **D**e p t i s o a b u t i s s u p p l e m  
l u e i t q h i c l e s i f i n e a n c u g o f i a t s i f i n e a n q o a b t a r p t a p q h i c l e q h i l e c b e i t  
q z a p t e i o e s p p o r a b a d b c p d b r a d t a q d i f f o e g o l e d i f e f i n p p o r t o i h u t e z m e  
t d u o q m a p o r t i o p u o s l i b q r l u d e p p o r t i p d e a l i t n i q h i c d p t q p p o t e r q u i t u p l i  
q t o d e q o e a v d z q h i a b p t q d r u p l i d a d i o **A** t o d q h i c d p t q l e q o e a d e z q t o c l  
t q t o v i z b d t e i q d f i t q b d b i p t c b s e q t n t i l l u d q d f i t q b d b i p t c b n q t o c b p t e l e  
q t o a b i s q o b d b i p t c b m i n e q h i c e q d q o a b t b r e d q a b d u p l a e a d b d g o q d f i t  
q o a b t b r e i t o b d e l e q t o a b t q z q a r q d f i t q a b t b r t a r e q l e q t o a b g o  
q o a b t b r e i t t d i f f o e o t t m o n t i p p o r t o i h u t e z m e d i u t d u o e x t r i m a n

[illegible][illegible]

In sim pporo; hñter mediū et duo extrēa quod ex tota linea quodq;  
 ex mñon porciōe produunt ambo quadrata piter accepta triplū s̄ ei⁹  
 qđ ex maiōe porciōe quadratū destribi. **S**ut l.a a b dñm pñm pcedm ppor  
 i pñto c pñm aor pñto eñ l.a c b. **D**uo qđ ēm duay l.a a b c r a pñ accepti qñlū s̄







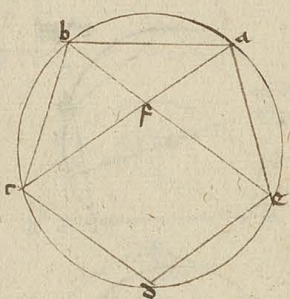




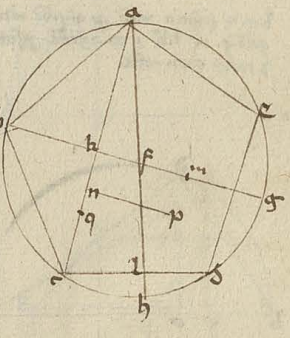
linq ab q e laty petngon i pnto h l i pnta h a h l q stat ex 2a pte ze zj / t e a p i  
 z 2a zj q q la d h q e pnta ad rora a h p l d d i t p q h a rora z a r n i p d z a r n  
 a h e q u a l a r n i h q q u l t a o i a n l a d i e t d i p a n g u l o l d h i z i d q o p a p b a p p  
 a l b a p l h g o q o q a p i a n l a h a n l i p e a n l o l h a t a n p t e n a z q o a n d e p a n l a h  
 h a b e n l i p h b a p e u t a n l i h a p t e n l a n l o h b a g o q o p a p i d u o f a n l i b a h z a h l  
 p e n l a n l i e s t e n a n l o b m a n o i s e n l i p a n l o h m a n o i s z a n l o a e q i s u n t i n g i n g p p e q  
 o p p o r o b a a d a h e p d a h a d l a q r e q p n a p t e i g e o q d p n a t q o b a z a l e z l e  
 e t o l e a h q e l a t y d a n g o i q u p t a t p a n l u h a e r e n l i p p a n l o a f e r z a n g a e a n  
 a n i a f e t a n g e r i p d u g e n l i p a n n i f e r i p o q r e a n g e r e m e d i e n s a n g e f f i d e n l i  
 a n n i a h z z l y a d a n n i h h z z q a n g e b e d u p l y a d a n n i b h e i t q o p a q i o t n a n g  
 r e b z l y a d t a n a n n b h h i p d q q u l t a o i a n l a r a d b z l y e a d a n l a b d l e n g a n  
 a n l y e d b d u p l y p t a d a n l a b a d q o z e z q a p i p e n d u o l a t a d a z d b e n l i a n n i  
 a n l y b d l e n l i b a d q n g p z e q p i e t f a n l y e d l e n l i f a n l o b a d e s t e n a n l y d m o i s  
 e n l i p a n l o a m a i o i s z a n l y b e q i s u n t i n g i n g p p e q o i a b a d b d e p d b a d l b q r e p  
 p n a p t e i g e o q d p n a t q o a b r b l e n l i q r e e t o b d a t o p b a t a e p n g q i l l u d  
 q d p n a t q o a b r a l z i l b e z l e d u o i e n l i p d u a p l a p a h z b d z q z q o z a q d p n a t  
 q o a b r a l z i l b e z l e e t o l e a b e s t a t l a a b l a t y p e t n g o i e n l i a p p o r o a n l o i p p o  
 l a v o a h z l a t y d a n g o i z l a b d q o r o r o i e n l i p l a t y p a n g o i e n l i a t o y p p o r o a n l o  
 i p p o r o i p p o r o i p p a z d u a r o r o a s t r u i t p p o r o i

Ex hac hq q laty petngon  
 pnta e laty pnta in  
 late dangeone

11 **Q**uod duo b pnta angulis petngon eglatei tps pnta later due zte  
 linee subredant utraq altera fm pnta hntz mediu z duo exima  
 sembit z maior ipa pnta later ipa petngon eglatei ent  
 a b c d e i pnta a n l o e s t e z h a p i g n a t o z d u o i e n g p n g a n g u l i s q p t a z b p b t e n  
 e a t d u e z t e l e a r z b e p n a t p e i p n t o f d u o i n g q u n t i n g a n d i p n e i p n t o f p p n  
 p p o r o i h a t e m e t z d u o q n a z q a o r p o r o u n t i n g e n l i p l a t y p e t n g o i q u a i f e s t e n  
 q o z a z j q q n g a n a n l i p e t n g o n p p o r o i m i p b e t i p q u o r l a t a i p n g p e t n g o i p r o r d e  
 p a d i m e t e z e l e q z e d q q u l t a o i p o r o a n l i a r b a b e b a r z b e a n a a n g a b a e t b e s t a d  
 i n t e z e l e q z e d q p t a n g e r d e z l y a d a n n i b e s t a t q o q u l t a o i a n l y r a e d u p l y a d r a b  
 a t o q o z a p i a n l y a f e z l y e a d p a b g o a n l y a f e e n l i p f a e q r e p b a p i l a e  
 e n l i p l e f e e n l i p a t d u o f a n l i a b e z a p b e n l i p a n l y p a n g d m p t z p z e q p p e n  
 a n l y e m a i o i s e n l i p a n l o a m a i o i s z a n l y b q i s u n t i n g i n g p p e n g o p p o r o e b a d b a e p d  
 b a d p b q n g p t e f e n l i p a b e o q i p a e f u t p b a t a e q r e n l i p a e p e z p a a q u t p t  
 p p o r o b e a d e f p d e f a d p b q r e p d i f f i q l e a b d i p n e p p o r o i h a t e m e t z d u o q n a  
 z e n a o r p o r o e s t q u a l l a t y i p n g p e t n g o i q i a t h o e n g d l a e b e i t q o p a q i  
 z u a e n d z d i f f i q e n e n a d l a a r n a t o e b e e q u a l t o t a r p o z a p i z p o r o i p o r  
 n a b q o p a p i p a f e z f e z q i p n a p o r o i e n a p z b f f i e l e q o p a p i p d e f e r z f e  
 i p d u e e s t a d i m e t e z e l e q q o p p o r o i e n l i p o t e r p l i b z l e a r d u a r o r o p p o r o i n e g o r a d o

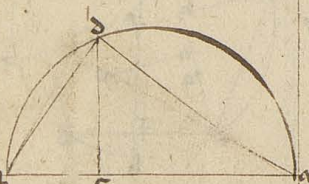
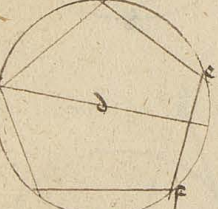
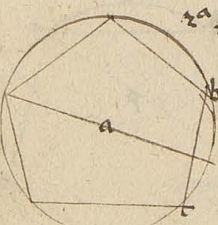
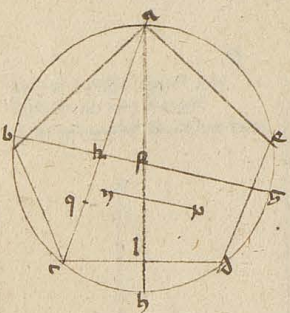
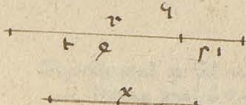


12 **Q**uod tria petngoni eglatei tps pnta later due zte  
 noaleq diametri e n l a t y p e t n g o i e n l i e a n r o a l i s e a p i l i e t q  
 d i a m e t r m i n o r  
 a b c d e i p n t a a n l o e s t e z h a p i g n a t o z d u o i e n g p n g a n g u l i s q p t a z b p b t e n  
 p z d u e d i a m e t r i b g z a h p t q u n t i n g h a z d i a m e t r i l a z o a l i s z l o n e d i a m e t r q  
 l a t y i p n t a p e t n g o i e n l i e n l i p l a q d e m i n o r p n t a h a e n l a a r q p o r d i a t b g z  
 p n t o b e s t q q u l t a o i z e a p i l a a r d i a m e t r b g o r t o g o a l i s z p e n l i a n  
 p n t o h q n i p a n l y b a g p t e n l i p p a n l o b g z t a n g h a a n n i b e p d q s t a t q o z a  
 z j e i t a n g a s i p d u g e n l i p a n n i f e r i p o q r e a n g e b e d u p l y a d a n n i b h e i t q o p a q i  
 a n l o e b g z a n g i n g d u o l a t a a b z b h f a n l i a b h p t e n l i p d u o i l a t i n g e b z b h f a n l i  
 e b h f a n l y b v n i g a n l o b a l e q e i t q o z a p i b a p p a h e n l i p b a p h e z o q a n l i q p a d  
 h r a q o p a p t e z e z j d i a m e t r a t a h p n t a l a t y p e t n g o i e n l i p n t o l e i t q p l i e h  
 e d d i a m e t r a d i a m e t r a h o r t o g o a l i s z p e n l i a n p n t o l e i t q p l i e h e n l i p p d u o a n g a r a d  
 e l e q a t d u o e p d u i p a n l o r q p t e h z d i e l e q l e q p p b t e n a t d u e r o r d e q p e h z  
 d h i p e q o z a z j e i t e n l i p z q a n g a r e n l i p a n n i f e r i p o q r e a n g e b e d u p l y a d a n n i b h e i t q o p a q i  
 a n l o d h l i p d q p e q p i b a p p e l e e n l i d l z o q a n l i q p a d l r a q o p a p t e z e z j  
 i n g d u o a n l a c l z a p h p e n l i p q o z a p i e s t e n a n l y l m a i o i s e n l i p a n l o h m i n o r i s  
 e o q u n t i n g i n g z a n l y a e q i s u n t i n g i n g q r e q o z a p i p o r o l e a d c a z p d h f a d f a p n a t  
 g o q d i a m e t r b g l a f i n e n l i p e p n p a d i a n l i e n l i p p a n g p p o r o e l a d e n g p t e  
 l e a r q p t e n l i p a d e n g p t e f a q q t f m z q z p p a q q i p p o r o e d a d e h z p d e l  
 a d e q p r e n e d u p l y a d z l y p d p l i a a d p l i a e i t p u a q q i d e a d e h z p d h f a d f m z  
 q i n t i l e q s t a t i s q o d e z e h p d h m a d m f z i d d p n a p t e z i e o p p o r o e n l e q p o r t e  
 e p d e z e h a d e n l i h e e h p d e h h e h m a d e n l i h e m f l o s t a t a t q p p i n g q p l a a r  
 d i d a p p o r o i h a t e m e d i u z d u o q n a m a i o r p o r o e e i t e l l e d r g o l a q n g e p  
 d e z e h q p o r o q o m a i o i p o r o e l e d i p e p p o r o i h a t e m e t z d u o q n a z m e d i e t e  
 t o n g l e p o d i p e e s t e n a n l y e n l i m e d i a t a r i n g p n a h y i z l i b e n l i h e q p t e q o d e z e h  
 z q u n t i n g i n g a d e n l i h e e h p d e h h e h m e q u n t i n g i n g a d e n l i h e m f a n l i p l o r e t o r  
 z l l o r v n a p p o r o i f z l a b m e q u n t i n g i n g a d l a z m f e a t e n a m f e p p a d i a m e t r i  
 p p o r o i e n l i g o e n l i h e h m a d e n l i h e m f p d l a b m a d m f z q z p a p t e i g e o q d  
 h e h m a d e n l i h e m f z p d l e h m a d l a z m f d u p l i c a t e i t q o i a q i h a b m a d l a z  
 m f p d b a h m a d l a z m f d u p l i c a t e g o l a h m e m e l o p p o r o i z d u a p l a s b m z m f



hac 12 m d d i l e g e t q p p o r o i  
 q p d i a t e n l i p t e n l i p p d l o n e  
 p i p o l a t y p e t n g o i e n l i a n n o r





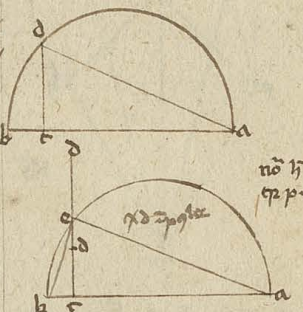
Nota h' d' vetusta mense

qd sic qstat sit em li' up me lo' ppoil' it' as b m i m f / r p p m p d o t i a q' e' e i t q  
q' d i f f o e p p o r t i s d u p l i t e q' p o r t i s e' i p d o q' p p o r b m a d m f p d b m a d u p d u p l i t e  
z q' b m a d u p p d u p a d m f e i t e' e x u' q' p p o r b m a d m f p d u p a d m f d u p l i t e  
g o p p a p t e q' e' d u e l i e k m i n p s t e l e f i t d o q' q' p p a p t e p e' q' i n p t e h' l i a  
h m i n e m e d i o l o r o p p o i l i s z b m i n f q' r e q' r o i d u e g i p p o r o g' h e b m a d  
z h i l i e m h e p d l i e b m a d l i a m f z q' l a b m i n e q' u i t p l a a d l i a m f e i t z h i l i e  
b m i n q' u i t p l a a d z h i l i e m h e l a a d b m i n e r o a l i s i l o g i c e g o p u l t i a p t e p e' i o' l i a  
m h e r o a l i s i p o t e r i a t u g z q' l i a b m i n e p o t e r i a l i a m h e i t o l i e p i q' u i t a b i l i n  
l o g i c e u t q' u i d p l a e i t l i a b h e p d u a g' q' o d i f f o e i p d u a g' a d a t p l a d u a p p o r t  
p r p i p i m i s i q' u i t p l a a d s p i t q' z a s q' u i r a r p q' r q' e' p v i n i t e e i t q' p p o r t  
z h b m a d z h i m i n p i t l i a b m i n p o t e r i a l i a m h e i t o l i e x e i t q' p p o r z h b m a d z h i  
h m i n p d u a g' r a d s e i t e' p e i t a p p o r t i t z h i l i e b m i n a d z h i l i e x p d u a g' r a d t  
q' r e p u l t i a p t e p e' i o' l i a x e i t q' u i t a b i l i e h' l o n e p d u a g' q' i b h i t i p  
e i t h a p p o r t i t v o e s t q' z e' z i g' q' d q' s i t q' b h i h e s e e l e e i q' d s i t q' a h i h e  
p d q' i p e' e' i t e' e s t e q' u a l e z h o h e o o q' a t e z h i p h e g o z h o b h i a d d i t o u t i q' u  
e i t q' p e n l i a p i q' d s i t e p b h i p e i t z h i s e l e z h o b h i z q' p p a r q' d s i t q' b h i p e  
z i h e s e e l e e i q' d s i t q' b h i s b e i t l i a b r l a t i t t h o r e p i f i n e i q' u e a d u a g' h e i s  
g b z h i z q' l i a s b e i t l i a v d b h e i p d u a g' z h i z q' l a p o r t i t p i p e i t z h i  
i p d u a g' q' o q' u e t e s t l i a m i n i t u r q' u a t q' o g' o' i o' u a t e e l i a b r q' e l a t i p e t a g o i  
e q' l a t i p p o r t o t u l o i t p o t i e s t e l i a m i n i t q' d e p p o r d i m e n d u i t g o m o d o p q'  
q' i l a t i p e t a g o i e q' l a t i t u l o i t p o t i t l i a m i n i t p d i a m e t e r a t i t u i t p o r t i t p o r t  
e l a t i p i t p o r t i t l i a m i n i t e s t o e n t l i a r o a l i t p o r t i t p o r t i t p o r t i t p o r t i t p o r t i t  
p p o r t i t p o r t i t p e t a g o i e q' l a t e r i t m v u n l a t i t p o r t i t d i a m e t e r p e t a g o i t u l o a d i o  
q' b r e l i a m i n i t p i a r e n t l i a a l i q' r o a l i t l o n e q' p d i t p i p e n l i n e e s t t u l o i t u i  
i t p o r t i t p e t a g o i e q' l a t e r i t z p i t v u n l a t i t i p i g l i a e f d i a m e t e r p e t a g o i t u l o d  
q' u a t g o q' h a r z q' l i a e f e l i a m i n i t a d i a m e t e r p o r t i t i l o g i c e l a m v o d  
p p o r t i t p e t a g o i a a d p e t a g o i u d e p d z h i l i e b r a d z h i l i e e f u t i p e n q' o z p t e  
i t e g' p d l i e b r a d l i a e f d u p l i c a t a p e t a g o i a t a a d p e t a g o i d e p d z h i d i a t r i  
a a d z h i d i a t r i d p p a r z z q' q' a q' z h i l i e b r a d z h i l i e e f p d z h i d i a t r i a a d  
z h i d i a t r i d l a g' z h i d i a t r i d i a m e t e r a z d p i t q' u i t a q' a b o p r o a l i a q' o p p o  
e i t q' p o p a p t e z e n t d o r z h i d u a g' l i a b r z e f q' u i t a g' l i a b r q' u i t i p o r t  
i n l i a e f z q' l i a e f e l i a m i n i t p e t a g o i q' o i o o' i o' q' e' b r p i t l i a m i n i t q' d e p p o r t  
p u e g o d i a m e t e r a l i q' a n k p r o a l i s i l o g i c e m i p i p o r t i t u n e e l a t i p e t a  
g o m e q' u i l a t e r i t p i t u p p o r t i t l i a m i n i t l a z i n i t e q' u i l a t e r a b a g g i t a

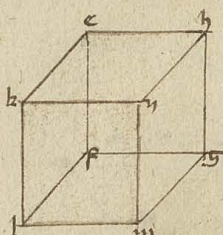
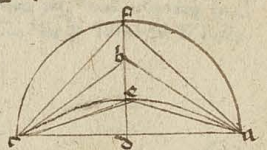
**P**iramides qor bapui trianguli ppera rursus pibiles fabricare h' ergo pper diametros ad latu ipsius piramidis sequialteram pporcionez potencialit hie probatur. Et h' a b diamet' apponit p' q' d i a t i  
i p u n c t o i t a q' a r p r d u p l a a d b r z l i n e e s t p i e n p a n k l y z p d u a t l i a r d o r t o g o l i  
p i l i a z a b z p d u a t l i e d b z d a p p a p a t a n k l y f s h p i t e t e m p d i a m e t e r p i t e l  
l i e r d o n i q' z a g' i t p a t a n k l y e q' l a t e r i t q' p i t f s h a d m a n k l y p o t h a z a t e l i e  
e f e g e h d u p i t e t e e i g a r p q' d o g i a n' e h l i a q' p o r e q' l i s a r p p e d i t a d  
p i f e r a t i f s h z d e m i t t a t a p u n c t o h' p p o t e n t i e h' h' g' h' e i t q' p p l e t a p i n a s  
q o r b a p u i t a n g u l a r i t z e q' l a t i t d i o e s t a b a g g i t a p p a t u p p i b i l e z d i o q'  
z h i d i a t r i p p o r t i t p e r p a l t a t e a d z h i l a t i s f a b r i c a t e p i a m i d i s c o p a t e n t e p  
p i n a p t e r o i t i t g e g' q' l i a r d e m e l o r o p p o i l i s i t a r z e h q' i e q' o r o i t i t  
e n d e z h i l i e a r a d z h i l i e r d p d a r a d e b g o q' u i t i t z h i a r z z h i r d a d z h i r d  
p d a b a d b r l i a g o p i t a b f i p l a a d b r e i t e n t a r z l a a d e n t e q' z h i a d f a l a  
a d z h i d r e s t a t q' g a h g f s f i p l a a d z h i e f q' r e n i p o p o t e r i t p i t e l i s e f e i t  
q' q' p i a a d e q' l i s f s z q' q' d i f f o e l i e p p e d i t a d p i f e r l i a e h q' u e t i p i g u l i s  
l i e i s e f e g e h a n k l y z o r q' q' h e e q' l i s l i e r d z q' i p a e h e a d e e q' l i a r e t  
a n k l y r e z q' e i t p e a p p i v n a g g i t i n k l y h p l i g o l i h e q' l i s l i e a d a n k l y z e s t  
f a b r i c a t e e p i r a m i d e s q o r b a p u i t a n g u l a r i t e q' l a t i t p p a z a t e s t e n t i p p a t a b a g g i t a  
p p a p i t h a b e t o l i e e h i t e l l i g a t a d i n p i r a m i d e s l i a e l e q' u a l l i e r h i t t o t a h l  
p i t e l i s a b q' q' d i a m e t e r a p p o r t i t p e r h a e a p e l i t i q' l i a g' y m a g i z e r e p i t a l o f s h  
p p e d i t a q' a d i p i g p i f e r q' o p t e i p o r t i t p d e h q' o p t e p u p i o r e i t q' v n a g g i t i n  
l i a e f e s z e h z p i p l i q' l i p d i a t i t a l i f s h m e d l o r o p p o i l i t h e z e l q' u a d m o d u  
e d r a r a r z e b h u a h e e s t e q' u a l e r i l l i s v n a g g i t p u e r l a t i e q' i g o p i l i a z l i d p e b a  
p a n k l y t a n d i a m e t e r q' u o n g g i a d l o r o v i m o n e i r e p i t i d e n t e i t e x d i f f o e p p o r t  
e q' l i a p p a d i p t a m o t u p o r t i t l i h g e q' l i s a p p o r t i t e n t e n t p p e r e z e l e f q' z p i e q' l i s  
d i a m e t e r i q' u a d m o d u d a n k l y p i d o z i d e n t e f a c i l i t a v d h i t p u a t e e t i p e p  
i n p u n c t a f s h q' p i a n g u l i p o l i d i p i r a m i d i s f a b r i c a t e f i p l i a t d i o q' p a n k l y h i c  
q' p i p l i a z h l p i t d i p t a p i t a n d i a m e t e r q' u o n g g i a d l o r o v i m o n e i r e p i t i d e n t e  
a n k l y f s h p i p o i a p u n c t a a n k l y i p i p f s h h e d q' h a r v e t u s t a v i t a t e p l a t i t  
l i a r a p p l i a z i n k l y p p e d i t a t i t p i t i t q' u n t p t e s e y a n p i t a t m e d i o l o r o p p o i l i s



A geometric diagram on aged paper. A circle is drawn with a horizontal diameter. The left endpoint of the diameter is labeled 'g' and the right endpoint is labeled 'h'. A point 'i' is located on the diameter between 'g' and 'h'. A point 'f' is located on the upper arc of the circle, and a point 'k' is located on the upper arc to the right of 'f'. Lines are drawn connecting 'g' to 'f', 'g' to 'h', 'g' to 'k', 'f' to 'h', 'f' to 'k', and 'i' to 'k'. A vertical line segment is drawn from 'f' down to the diameter, passing through a point 'c' which is located between 'i' and 'h'.



nō h̄ ora bñ  
 t̄z pulch̄



qba. vlt  
vetust.

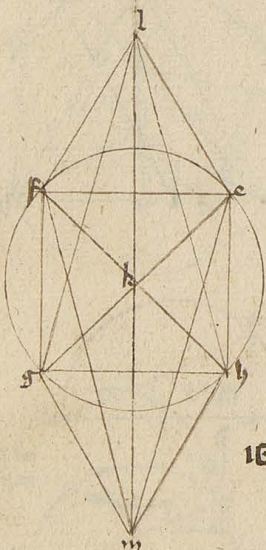
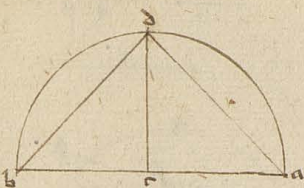
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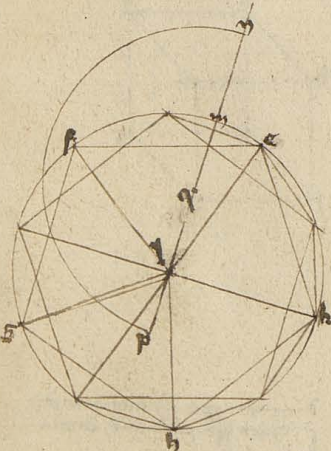
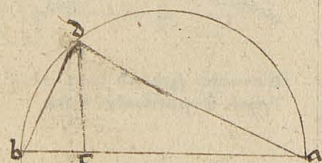
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19. **C**orpus octo basium triangularium & equilateralium a sphaera opposita  
inscriptibile ponere exitus palam eiusdem sphaere diametrum lateri  
ipsius corporis dupliciter esse potencialiter. **D**iameter opposita sphaere sit a b  
q. dividatur p. equalia i. puncto c. & p. a l. m. c. p. a. b. l. a. d. b. & p. d. u. a. t. r. d. p. e. d. i. u. s.





lati pcedu dia pce poptm  
adali e la uidi q vo mudi



videt q si p ruzm figurm cu  
p lico p d noum q d dicitat  
q ludoz q faliu poptm no  
popt qd roudm

ad ab / t uga puctu d m a z m b / d pbat q vnu d huc p gula lati p t elia h e b d  
pit q h p d h e f s h / q p t r h a t d u e d i a m e t r i e s z p h / p m t e r t u i c e r i p u c t o h  
q s t a t s o q p a p i q u t i z i s t a y d i a m e t r i p t e l i s h e a b q z d i a m e t r i p p e r e a t a n g u l u  
d p t r i q p o p i n a p t e z o e z i z p s t i q a n l e f s i n q o d i f f o e d h q s t a t z u m q e e d e  
d u e d i a m e t r i e s z p h / d i d u p p e m e p e l i a z p u c t o h / h o r a p q a p i z z e z q o a  
q d e f a l e z e l i g e / b r i g a q p i p u c t u h / l i a h l p e r i s a d p i p e q d h q p o a t e l i s m e  
d i c t a t d i a m e t r i e s u l p h / z d e t t a n t y p o t e m i s e l e l f l s l h e t p q o h i p q p o  
p m p i z p p e u l h a p i q u o n e s o p t a t i p e t i t a p g u l e h a y y p o t e m i s a y a l e s p m t e r z  
q l f l a h b q d h h a b q s o p i n a m e t r i e s o r b a p a e l a t i s t a n g l a z q b a p a p i d h q p m t e r  
h u r i n q s p i p o d h o p i d m e t r i e s o o p p o n e l i a z l k p d u m s p p o r a m d o d h u p q a d m  
i n q h m q u i s p u b d h o p i t e l i s h q u i s p u p z i n g e p u c t u m a n p g u l d h l a h b q p d u  
r e d o e o r a l i s y p o t e m i s q p m e m p m s m h d q q m a i s t e z q p e u l h a p i  
p d d a l i s q p i z p i p o p t e q i p e p e l i s a d m e t r i z l a h b q d h q p l e u s o r o p  
o r o b a p a t a n g u l a r i u z e l a t a t a y h o r a p a b a p i t a p a a n s p h i l e e p i h e t o  
q s t a t e u q h a l m e l i s e p d i a m e t r o a p p r i t e p p e n a u t i z e a y z e l i s d i a m e t r o  
d h p i s o p i p l m l i n e a t p e u l h a q a n d u o l u a t q u o n s a d p u d l o a d i c e n t p p a q  
m o t u p o d i b e t e i t a p u a l a p p r i g n a t e p p e q o d i f f o e p a y e l i s r o l l i g e h i c v o  
p e u l h a t i p b i t p e o r a n g l o s d h z p l i n e a p o a p u c t u a n s p e a n l i a n s p e b e t  
d h o o q p a d i a m e t r o d h p u l a p h z p o r t o q h e l m q p l k z h m p a d m e t r i e l e s  
q u a z q o d i f f o e e q d e s t f i g u r a u n a a l i f i g u r i p e l i s f a b r i c a t i c o r p s i n p h e z p p e  
m o t u h y p a d i a m e t r o d i p t e l i a z p p o r e a p p r i g n a t e q o q u o p t e n i p e p i a d m e t r o e l i s  
q o d i f f o e c o r r i l a t v e r o m a i s t e q s t a t b u p e u d u e h e d b z d a e l i s q o x p i p o r  
d h a b z t a a d d h a b d q p e u l h a p i l a t a t f a b r i c a t i c o r p i s z e l e h e b d m i z e s c o r r i

**16 Corpus viginti basium atque equilaterarum a data ppera diametris  
rationales hunc inscriptibile fabricare erit q palaz latius exde  
corpiis esse lineaz irrationales eaz saliret q minor dicitur**

**S**it h i c q d i a m e t r i a p p r i t e p p e a b q p o n a t e s s e r e a l i s p u e i l o g i c e p i p o a n i  
z d i d e t p u c t o r i n q a r p t q d u m p l a a d r b z l i n e a p u p a n a b p e u l h a a d b  
z p d u m e r d p p e d u s a d a b z p t r a h a t h a d b d i u p m q u i t a t e h e d b l i n e a t u l y  
e f s h h p u p d e t p l a n i p e b a t p e t a g o n e l a t a y a p d e z h i s a n o t a t a d m a n g u l o s  
a r e l d u m h e l e l f l s l h l h l h u m p i e o d a n l o t p e b a t d r a g o n e l a t a y d i d e t  
e u d u h a n g q u o y r o d e p i l a t a p e t a g o n p e l i a z a p u c t u s m e d i u s a d q u i n t a l y  
a n t o r l a t e y i p p t i p e t a g o n h e e r e d u i g a t i e d q p u p p s l o s a g u l o s p e t a g o n e r i g n a  
m t h e t o p m q d o c t r a u q u o y q l e a p i t e q u a l h e b d z q u i n t a l y q u i n t a l y h o y q e  
m t h e t o z e i t q s o a n u q e m t h e t a n a b u n d e e q d i s t a n t q u a y i p i p t e q u a l q  
e i f q p z p i q u i s c o r a n s t e o r q u i n t a l y i n g e t e q l i s l a h b q p e t a g o n d e m i t t e  
s o a p g u l i s p u m i t a t i b y p g u l o y m t h e t o y b i a s z b i a s y p o t e m i s a d d u o s a n s t a  
t p a n l o s i p p t i d a n g o n z h a y d a t e y p o t e m i s a y a q e q u i n t a l y m t h e t o y a d q e  
p u c t a q p a g u l i m e d i y i p p t i d a n g o n d e p u r i n q u i n t a l y q u i n t a l y a l i n p e t a g o n u m  
i p i a n l o t p e b a t a q u o y e l t e q l a t e r y q o r a z y l e u i t a g h o f a i s v a d e l i s t e p p e  
a p p e d e t a g u l o s q u o y l a t a p i d e y p o t e m i s e z q e c o r a n s t i z q e l a t a h o y p e u  
t a g o n i p p t i h o r s o d a t a t a n g l o s e q u i l a t e r e s s e p r o l l i g e n e u n a p e d i a m e t r o  
d e p i t a n l i q u i h e r a t o r m t h e t o y p i t e l i s h e b d q o y p o t e m i s e l t q o c o r i l a  
u e q q l y m t h e t o y e q u a l l a t i p a g o n e l a t i a n l o m p a d i a m e t r o z e l i s h e b d i  
p i p t i d u a v o q p e u l h a p i v n a q q d a t e y p o t e m i s a y t a t o z p o t e n o r m t h e t o q u i  
p i l a t a d a n g o n u l t a q o i o h o l a m q p e t a g o n z t a t o p o t e n o r e d e p t a t o q i p t a d  
l a t a d a n g o n e i t q p q p i n a v n a q q h a y y p o t e m i s a y e l i s l a t i p e t a g o n d e c o r a n s  
t i p a p a u t q i p i p e q u a l e s l a t i b y p e t a g o n i n q a n t a l a t a h o y d a t e t a n l o y  
a p l a t a p e t a g o n e l a t e r y z v i r e a n l o i p p t i a i l l i s e l i a b u p s o e q u i l a t i t a n l i  
p u m p l i q a d p u p d e t p a n l i q d e s t p u c t u l e r i g e a l i a m t h e t o e q u a l e p o r i b y q p t  
l m e l q p p u p o y q u i n t a l y q e s t p u c t u m i n g e n i p g u l y q u i n t a l y p o r p q e c o r a n s  
t o s e i t q q o a n u h a d u a l i s m t h e t o p g u l i s m t h e t o y a g u l a n y a d i s t a n t p o r p e x  
z p i q e c o r a n s t a p p a d i a m e t r o a n l i e q u a l e s e q c o r r i o i e q q u i l y e o r t i p  
l a t a p a g o n d e t a l i s o m t h e t o q u t i q p t e a d i c i a l i a v n a e l i s l a t i d a n g o n p i p  
q d a d i a n a e i m n d e p i a p s b a n l o a d i a n a p i b i a r e a n l i l p p a d e m i t t a t a  
p u c t o n q e y p o t e m i s a d q p u p i o r a n g u l o s d a t a t a n g l o y q p i a n t u z a p u c t o  
p a l i e q e a d a l i o s q e m t h e t o y e i t q h e e d a t e y y p o t e m i s e e l i s a d m e t r i z l a h b q  
i p p t i p e t a g o n q o p e u l h a p i z d a n a h y q u a d m o d u d a l i s d a t e p u s d u n a t a e s t  
h e r s o c o r p s z o b a p a t a n g u l a n y e l a t a t a y m a n a l a t a p i e l i a l a t i b y p e t a g o n  
e y v o d i a m e t r o e l i a n u p h o r a t v i g i n t i a g u l o y d a t e q u i n t a t a n t u p i p a n l i  
q e a p q u i n t a t p u p i a d p u c t u m i n g a u r e t e y a r z e l i q a n l i d o r p i e m a n g u l i p i p u c t a  
p r o c e n t e s h o r a p p r o c e d i o n c o r p u s a d a t a p e r a n s p h i l e e p i r m a i s t e e t  
a n l a l m p t e l i s l a t i p a g o n z m n l a t i d a n g o n e l a t a t a y q s a n l i e f s a n s p b i t  
t o t a e u e i t q o q a p u c t u s l i k d i p a p p o r t i h u i t y m e m z d u o e p n a i p u c t o m i z  
m a i o r e y p o r t o e t l a l m d i d e t i n g l m p e l i a i q e i t q q o p i n a p q e l i s q u











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Quod si punctum quodlibet in circumferentia circuli sumamus, et ab eo ad centrum circuli ducamus lineam, et ab eo ad unumquodque extremorum diametri ducamus lineam, et erit triangelum quod fit sub his lineis, et sub arcu interius, simile triangulo quod fit sub his lineis, et sub arcu exteriori.

Potest etiam

propter hoc quod si ab eodem puncto ducamus lineam ad unumquodque extremorum diametri, et ab eo ad unumquodque extremorum arcus, et erit triangelum quod fit sub his lineis, et sub arcu interius, simile triangulo quod fit sub his lineis, et sub arcu exteriori.

propter hoc quod si ab eodem puncto ducamus lineam ad unumquodque extremorum diametri, et ab eo ad unumquodque extremorum arcus, et erit triangelum quod fit sub his lineis, et sub arcu interius, simile triangulo quod fit sub his lineis, et sub arcu exteriori.

Quod si punctum quodlibet in circumferentia circuli sumamus, et ab eo ad centrum circuli ducamus lineam, et ab eo ad unumquodque extremorum diametri ducamus lineam, et erit triangelum quod fit sub his lineis, et sub arcu interius, simile triangulo quod fit sub his lineis, et sub arcu exteriori.

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Calendarij anni 1644 die a iudicij impio

	Conuictio		Oppos	
	die	h <sup>o</sup> a <sup>o</sup>	die	h <sup>o</sup> a <sup>o</sup>
Januarij	1	6 20	21	19 10
Februarij	4	16 32	20	13 24
Marci	1	1 29	22	6 41
Aprilis	4	11 6	20	21 22
Mayi	2	20 28	20	9 12
Junij	3	1 22	18	19 12
Julij	2	19 36	18	3 10
Augusti	1	9 22	16	11 16
Septembri	31	1 39	12	19 12
Octobris	29	12 28	12	2 31
Novembri	28	2 46	12	14 24
Decembri	24	19 30	12	4 12

Calendarij

Calendarij

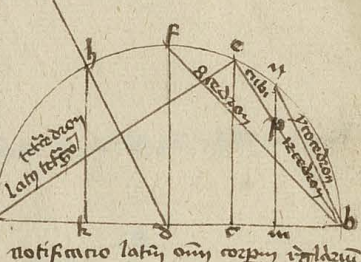


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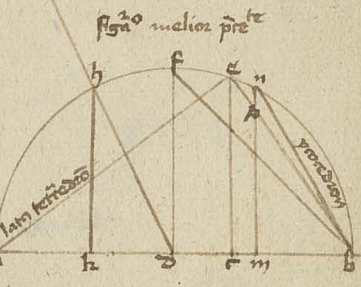
**L**atera quinqz corporum pmissorum a spece circumscribilibus cuius spece sola diameter nobis pposita fuerit p ipsas ppositas diametris iuvenire

Post a b diameter alius spece nobis pposita ex qua inveniuntur latera qe pmissorum corporum  
elice dicitur go hanc diametrum i c tunc q a r sit dupla ad r b / z p cilia r d / z licet n p eaz  
pactula a f b ad e q anseu q p h n h a due p d e a q h e ad h a q a b q p r e r d f / z i n g a  
e n a / z a b / z f n b manifestu e ergo ex demaroe i z q a e e l a t y f i g u r e o r b a p u  
t a n g l a r u m z e q l a t u r q o d u n o e i e q e b e l a t y n i b i z q o d u n o e i e q f b e l a t y f i e  
s b a p u t a n g l a r u m z e q l a t u r p r o d e a t i n g a p u n c t o a l i a a g p p e r s a d a b z e q l i s  
e i d e z a b z i n g a t g a d p t q h p u n c t o i q s d p a t a n s e u q p a c t u l i z d u n t h h p p e r s  
a d a b z q s a e z l a a d a d e t q e a c i h h z l a a d h d p t e n t a n l i g a d z h h d e q u i  
q z a p u n c t o q a n h a m a i o r s e e q l i s a n l o k m i o r s u a n t p r q z a n l o d e q i s  
u n g a g o q o z a z i h h e p o t e q u a d r u p l a a d h d g o q o p e n l i n a p i h d e p o q u i n g l a  
a d h d p t e o n t o m a b p t z l a a d t o t u b d q u a d r u d u a r d t r a c t a q o p u n a p a b e z l a  
a d r b d e t t i n q o z a h d e i t q q i q a l o r e p d u a p i n e a b d u p l a a d e d r i p d u a z e b e  
p d e q t o t u b d e f p l a a d d r g o z h b d e t n o m p l a a d z h d r c z q u i p d b a n t q u i n  
h u a d z h d e t e x z p t e i o q i z h d r m i q z h d h d p d e q d r m i o r h d p t g o d u n e q l  
h d z p r o d e a t m u n g a d a n s e u q q p t p r o d e a t a d a b z i n g a n a b r u g o d h  
z d m p t e q l i s a t q o d i f f i o e e n q o z a l i q s l i a s a r e o d i f f i a d u e h e h h z m u  
e q l i s d i f f i a t a r e o d i f f i a d u e q o z a l i q s l i a s a r e o d i f f i a d u e h e h h z m u  
e q u a l m h u a h h e t e q u a l e i m h a t q a b d u p l a z a d b d z h m z l a a d d h z e h b d  
q u i n g l a a d z h d h e t q o i q a q z h a b q u i n g l a p l i t a d z h h m e s t e n d u n d u p l  
a d z h d u p l i p d z h s i p l i a d z h s i p l i e p d u n o e a t i o e m a n s e u e s t q d i a m e t p p e  
e p o t e n t i a l i s q u i n g l a a d l a t y q o a n g o n i t a n l i f i g u r e v i g n i b a p u g o h m e e q l l a t y q o a n g o  
a n l i f i g u r e z o b a p u n a d i a m e t p p e q e a b e s t p o t e n t i a l i s q u i n g l a a d l a t y q o a n g o  
a n l i i l l y f i g u r e q a d h m p u n g q o d u n o e e n d m a n s e u e s t q d i a m e t p p e q u a t e x  
l a t e p o a n g o z d u p l i c i t a t e d a n g o n i t a n l i f i g u r e z o b a p u g o h m p i t i n l a t y q o a n g o a t u o  
a h p t e q l m b u a i p e a t h z m b p d i p d u e e q l i n d e p t i s e q l i b e i t m b t i p l a t y d a n g o n  
q o g o n m z t i p l a t y q o a n g o n a i p a e e q l i s h m e t q o p e n l i n a p i z i o a h m b t i p l a t y  
p e t a n g o n i t a n l i f i g u r e z o b a p u e t q o d u n o e i o e o p o r t q l a t y p e t a n g o n i t a n l i f i g u r e  
v i g n i b a p u p t l a t y e n d f i g u r e z o b a p u q u a t l a t y n b e s t e l a t y i l l i f i g u r e z o b a p u z  
D i c i t u r i n g a e b q e l a t y n i b i a b a p i s t a p a c t u s p i s p p o r t a t h u n t e z m e d i u z d u o  
q o m a i p u n c t o p p t q m a i o r p o r t o e n p b q u a t g o q o d u n o e p i p e q p b e s t l a t y  
f i g u r e n b a p u p u n c t a g o p t l a t a q e p i p o r t c o r p u s q o d i a m e t r o p p e r e n o b i s p p o s i t a  
E s t e n a e l a t y p i r a m i d i s e o r b a p u e b l a t y n i b i f b l a t y o t o r e d u n l a t y n b l a t y p r o  
r e d u l i c a n v o p b l a t y d u o t o r e d u d u e a t h o y l a t y p t m a i o r a p i c h e t p o r t e n a q a e  
E m a i o r f b u a a r m a e z a o r p b l a t y p t p b a e e b z e b a o r q i n b q u o n b d i r o e e  
m a i o r q p b l a t y e n a p t a r d u p l a a d r b e i t e x q a z e h a r q d u p l a a d z h r b l a t y  
a t e x z o p t e c o r d i z z g a o i z q o r o r o i n e q d q z h a b e f a l a a d z h b e c f z p z a y  
e i z h a b a d z h b e p d z h b e a d z h r b e o q p o r o a b a d b e e p d b e a d r b  
q z a p t e c o r d i z z g a o i z p g a q u i z h a b e e q a r m a d z h b e p d z h a r a o r  
q t a d i d e z z h a m o s t e s t e i t q o p a p t e i o e q z h a r m a d z h b e p d z h a r a o r  
h a b e p d z h a m o s t e s t e i t q o p a p t e i o e q z h a r m a d z h b e p d z h a r a o r  
p o r t a t h u n t e m e d i u z d u o q o m a e i t m a i o r p o r t o e n l i a h m q e e q l i s m u n z a  
b e d i d a t p u n c t o p p o r t a t h u n t e m e d i u z d u o q o m a m a i o r p o r t o e n l i a p b  
q u i n g l a t o t a a m p t m a i o r t o t u b e i t m u q e s t e q u a l m a i o r p o r t o a m a o r q  
p b q e s t a o r p o r t o b e h o r a t m a n s e u e s t q o z a i e l i b u q p a l i n g a n g l o e o r  
q r o m u r f i n a d u n o e p l a t a t e n a e p a t t l a t a h o y q e c o r p u s p i p o r t f e r e e o  
o r d i e q c o r p a p e n i r e z p a p u r p e n i r e q o r d e q u i n b o e n d u n t a t z o t o r e d u  
h y h o i n s t a n t i a n a l a t y o t o r e d u q u e d i t l a t y n i b i q u i s n i b i a n t e r e d a t o t o r e d u  
C u b u a t p u n c t o i d a o o t o r e d u q e n d e d i p o e d i a m e t a s s i g n a t e p p e l a t y p i r a m i d i s  
l a t y p i r a m i d i s e o r b a p u t r a n g u l a s h u n t i s l a t y n i b i t u n t e s t g o l a t y a e l a t y  
p i r a m i d i s m a n l a t i b y r e t o r c o r p u s p o s t i p a t e f b l a t y o t o r e d u m a n p a p u r e  
p u l a t i b y z o o r d i e p i t i m a g n i t u d i e e b l a t y n i b i z o v o l o r o z n b l a t y p r o r e d u  
O m n i a t m u n u m e s t p b l a t y d u o t o r e d u e t i h o h a z h b i z e n t p e i e z h y p p o r t

- 1. Tetraedron hz 2 bases tan
- 2. Cubus p hz 6 bases qdant
- 3. Octaedron hz 8 bases tanglas
- 4. Duodredon hz 20 bases tan
- 5. Duodredon hz duoden bases pentagonas



notificatio lati omni corpori iohanni



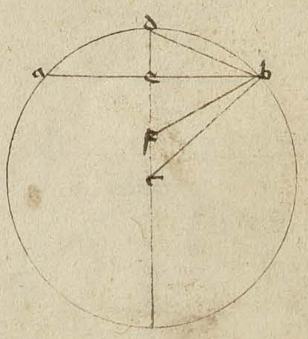
- 1. a e e laty tetraedron
- 2. f b e laty octaedron
- 3. h c e laty cubi
- 4. i d e laty duodredon
- 5. k a n b e laty p r o r e d u n

18 quipostas 31

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pia

**O**mnis perpendicularis a centro circuli ducta ad latu pentagoni intra circulu ipm descripti dimidio lateis decagoni atqz didio lateis exagoni mte circulu eundez descriptoz abob dimidijs in longu directu qz quictis equalis esse probabitur patet ergo q perpendicularis ducta a centro circuli ad latu pentagoni equalis est perpendiculari ducte a centro ad latu trianli dimidio qz latu decagoni intra eundez circulu descripti dicitur quictis  
Post h a b latu pentagoni equalis tripli aulo m r e t z c z d u m a r e t c p e d e a z  
a d h a z a b q p i n p t q z z i d d e t e n z p e q u a l i a z a r m e n e p e q l i a p e p i  
z i n a z i p t q h p e n d i c u l a r i s l a c d p a n s a b i p u n c t o e z a r m e n e i p u n c t o d e t

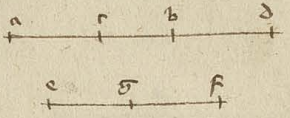






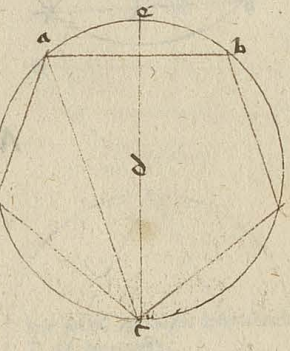


mediu z duo quna go qo u a q a b ad bd pd ab ad br qre p r pte qe q b d z  
br p e l e p q a go b d p t laty dangoi eit q p q p r a b c laty dangoi h e l e p m e l  
ad laty a b adinga b d e q l i p b c e l t p q o e a i z a d d i p p p p o r t o i h u t e z m e l  
z duo quna z a d r p o r t o e q l i a b q t n q p q p i q e q i q q t n d p p i p a z d u o i  
p a r u m i n i q t n d i l i a a b e l a t y q o a g o i e q d e z l a b d p o o z l a b c f e q u a l i s e l a t y  
dangoi p o p o i d e a l i a v i a p l i b e t d u a r e p t e m e f e q l a b q a d i d e i g f  
p p o r t o i h u t e m e r z d u o e q u a z p t m a i o r p o r t o e l a f g q t n t g o q o p i p a  
q p d a b e e q l i p e f p r a c e e l i p e g z e b e l i p g f q u o p s i t b d a d i u t n a d a b  
l a t y d a n g o i i n q a t l i m a b e l a t y q o a g o i e i t p d p u r d u i e q o q i z t o m a d d i p  
p p o r t o i h u t e m e d i u z d u o q u n a z a d r p o r t o e i t l a a b q t n q p p i p a e i t a b a d  
b d p d f g a d g e q r e p p u a p t e z i c o r q d f i t q o a b i g e e q u i e a q d f i t e p b d  
i f g p q d f i t q o e f i g e e q u a e d t o f g q d i f f i o e l e d i p e p p o r t o i h u t e m e  
z d u o q u n a z q o p a p t e i g e o g o q d f i t q o b d i f g e e l e d t o f g i d d q q o p a  
p e x t i l a b d e e l i p f g z q f g e q u a l i c b e i t q r b e l i p b d z l a t y d a n g o i q d  
p e x t i l a b d e e l i p f g z q f g e q u a l i c b e i t q r b e l i p b d z l a t y d a n g o i q d



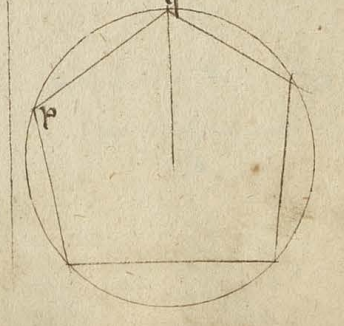
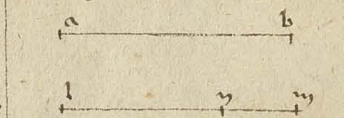
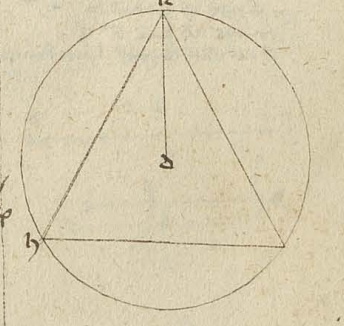
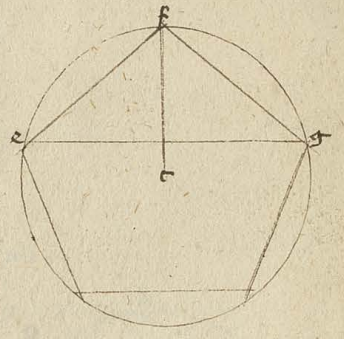
Eplogo d i m e n s i o n e p o r t o q u o q u i n t e f u n t

**2** Quadratu lateis pentagoi m<sup>o</sup> cūlū de  
scriptu quadratu q<sup>o</sup> hēe que illius pentagoi angulo subtendit  
ambo hec quadrata piter accepta quadrati medietatis diame  
tri eiusdem cūli qntuplū esse pronuntio  
i p p t h u i p e t n g o i e q l a t e r q t n m m l a t y p i t a b i t p t r a h a d i a m e t r d e d i  
u i d e s l a t y a b z e q a r t u p e t n g o i e i t g o a r t a e m e d i e t a t q e p h i p m i s s e n a t l  
q u a r e a r t u a r e d u e q e t o n g d i f f e p t r a h a i t a q d u e l e a e z a c e i t p a e  
l a t y d a n g o i e q l a t e r q t n m m l a t y p i t a b i t p t r a h a d i a m e t r d e d i  
cūlo e d e p p t i q p t e n d i t u n i p a g u l i s p e n p e t n g o i e o q a r t u a r e d u e q e  
p t e r m i s s e n a t l d i c o i t q q e t n d u a p l a t y a b z a p i t a r t p p t q u i p l a  
a d e t n l e d e e q t e n d q e a r z e t n l e c e q d i p l a a d e t n l e d e e q u a t a n t  
c a e p t r i p q p u a p t e z o c q i e r t q o p e n t h a p i t a d u a p l a t y c a z a e q l a  
a d e t n d e e q o e t n d u a p l a t y t r a s c a a e z d e p q u i p l a a d e t n l e d e e  
z q o i o a i z l i b a t e t n a b z e q l e d e p d u a p l a t y a e t d e p e u t e t n d u a p l a t y  
a b z c a p t q u i p l a a d e t n d e e q d e p p o r t a p a r t i g o e q e t n l a t y c u l i  
a t q l a t y f i g u r a i z b a p u c u l u z f i g u r a d u o d e n b a p u e n d e p p a t r i p h a b o  
e t n p i t a r t p q u i p l a p e t n m e d i e t d i a t r cūli q t n p t p e t n g o i e q d e z  
f i g u r a i z b a p u p p t e n d i t cūlo p e t n g o i d u o d e n cūli z d u o d e n d r o n p u a e a d e  
q l a t y cūli p t e n d i t cūlo p e t n g o i d u o d e n cūli z d u o d e n d r o n p u a e a d e  
q p p a t r i p h a t i t a q p h a r e q p i o b i t e q u i d i t a c o r d a t u i p r u d



Corollariu

**4** Pentagoni figure duodeci basiu triangulit<sup>o</sup> figure viginti  
basiu quas eadez ppera cūstribit vno eodez cūlo cūstribentiu  
Sic ppa auz diameter a b cūstribit dnas solidas figuraz viz duodeciedron q  
vūz qo i z p e t n g o i p t c z p r o c e d r o n q vūz e p v i g i t i t r a n g u l i p t d p e t n g o i  
a t c z f i g u r o d i p p d u o t e t r a d i c cūstribit dno cūlo q u o r a l t cūstribit p e t n g o i  
c a l t a r v o f i g u r a d h u i c q d e z q o i g a e a l l i v o q o q a q d d u o i t a q q h i d u o  
cūli q u o r p a r u m p e q l e p f i g u r a e n d d u o l a t p e t n g o i c vūz e p p u s a n g u l i p  
p t c f i g u r a d i p p d u o l a t p e t n g o i c vūz e p p u s a n g u l i p  
p t d h d i p p u a l i l u m a d q p t l e a b q e d i a t p e a p i g t e q u i p l a i p o a  
q p l u m d i d e i n i s p p o r t o i h u t e m e r z d u o q u n a p t e z a d r p o r t o e q l u z p m  
q p t n t e z t o n g l u m l u n e e cūlo p q i t n q p e d i a t cūli p q p t e q l i p l e l u m a t q  
q o c o r d o i g e q l a l u m t q l a t y q o a g o i e q u i l a t i cūlo p q i p t h p d q p z a y h q  
l a l u e i t t q l a t y d a n g o i e q u i l a t i e i d e z cūlo i p p t h g o q u a e i p t h a p e t n g o i  
e q l a t i cūlo p q i q vūz l a t y p t p q q e i t p q o i d i z e t n p q e l e d i p d u a p  
l a t y l u m z l u p i t a r t p t c o n s t a t a t p o d u n d e i g e i z q h h e d i p p q g o  
e t n h h e s t d e d i p d u a p l a t y l u m z l u m p i t a r t p t a t o d q d u n d e m e i z  
m a i s t e s t i z q e s e s t l a t y cūli a b e n d e p p a t r i p h a t i l q u a d p c o r d o i g e i z a b  
q e s t d i a m e t r p p o t e n t i a l i s e t p l a a d e s q e l a t y cūli d t a t e s d i d e p m  
p p o r t o i h u t e z m e d i u z d u o q u n a p p o d u n d e m e i z q e s e t h i m a i o r p o r t o  
e q g o q o z a h q e g a d l u m p d e f a d l u m a u t t o a d f o r p e a d r p o r t o a d m a i o r  
p t n q p z a y o i d i p e s a d e t n l u m p d e t n e f a d e t n l u m q r e p n q q e t n d u a p  
l a t y e s z e f p i t a r t p a d e t n d u a p l a t y l u m z l u p i t a r t p t p d e t n e s a d  
e t n l u m g o p i g a q i z p p u i c t m p p o r t o i z e q u a t i p l a d u o r e t o r d u a p  
l a t y e s z e f p i t a r t p a d e t n d u a p l a t y l u m z l u p i t a r t p t p d e t n e s a d  
e s a d e t n l u m f p l a a t e t n l u m e s e t h i e t n a b q o c o r d o i g e i z a b e t n a b e s t  
p p p o t e n t i q u i p l a a d e t n l u m g o f p l a e t n e s q u i p l a a d e t n d u a p l a t y l u m z l u  
e t o r d u a p l a t y e s z e f p i t a r t p a d e t n d u a p l a t y l u m z l u p i t a r t p t p d e t n e s a d  
p i t a r t p t z q p u s p b a t i e q e t n h h e e l e d i p d u a p l a t y l u m z l u p i t  
p a r t p t p d e t n e s a d e t n h h e q u i p l a a d e t n h h e q u i p l a a d e t n h h e q u i p l a a d e t n h h e  
e p g a i z q q u i p l a a d e t n h h e q u i p l a a d e t n h h e q u i p l a a d e t n h h e q u i p l a a d e t n h h e







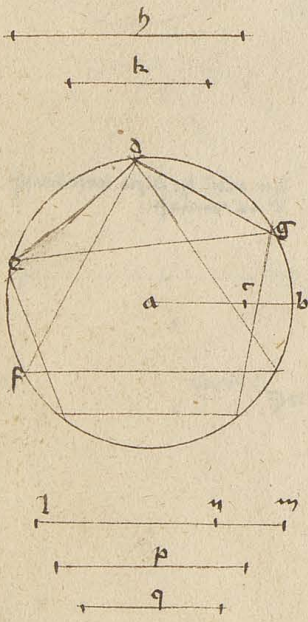






hanc be et fg hanc i punto l illa i punto m / dico qd ppor om pifep duodere du  
ad oq pporadu quoy pefngon / et hanc pporito aulo p ppor / e p d le be e q e laty  
cubi ab eade ppa qd hanc ad l / qd fg q e laty hanc pporadu / constat em q corila qe  
u / qd hanc hanc est d d m le a h / p d q a m est totuq diametri a h / qd em e q p qte  
go p l m dupla e ad ne / e it q b u de p t p be e e u q r q e q p pte / p m q p p m p p  
o u f q d p u e p q a m t b u e e qle pefngono a b c d e / e d a u p p u e p q a m t  
m f e e q uale t m l o a f g / go q p a g / ppor pefngon ad hanc / qd p d b y ad m f  
qie duodemplici e p pefngon / ad uigatupla illa hanc / p d duodemplici le b y ad uigat  
upla le m f / qd p u e p q a m t b u e e qle pefngono a b c d e / e d a u p p u e p q a m t  
dupla b e f u a duodemplici pefngon / e q uale pefngon / e q uale pefngon / e q uale pefngon  
v o m f / qd t p d u p l a f g / u a f g e dupla ad m f / go duodemplici illa pefngon /  
ad uigatupla illa hanc / qd p d u p l a b e ad u p l a f g / t q d duodemplici illa  
pefngon / qd o u p pifep duodere du / uigatupla a p hanc / e q p pifep pporadu  
t p i q q d u p l a b e ad u p l a f g / p d b e p p l e ad f g p p l a / e r i t p i q q d ppor  
om pifep duodere du / p u t a n t e p m / ad o q p pifep pporadu p u t a n t e p m / p u t  
be ad f g / t hor qd qd oportuit uos d e m r a r e / h n t e r m e d i u r t d u o e x i m a

**¶** Quia qualibet linea p d m pporadu e u t pporio linee potetis  
p p p a t o t a r l i n e a r e u s s m a i o r e r p o r t i o r a d l i n e a r p o t e t e r p u p r a  
t o t a e u s s m i n o r e r p o r t i o r t p p p o r i o l a t i s c u b i a d l a t y t r a n g u l i

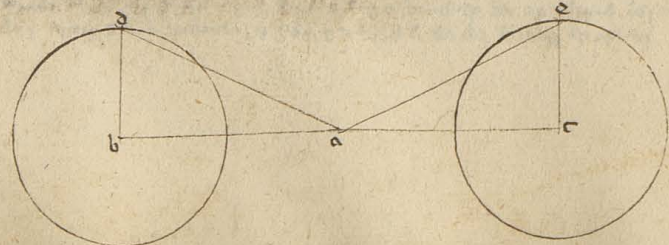
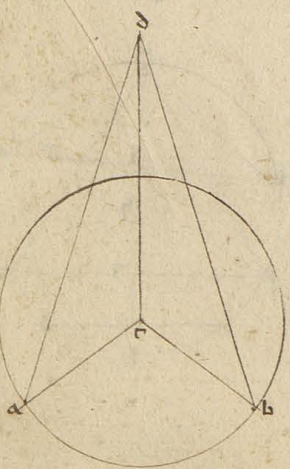


ad qm qd p pporadu e u t  
h e qle p d a b t a r p l  
m t p

com p i s u i g i t b a p u u n a a i c u b o i p p o m e a d e r p p e r a q l e n t i e u t l a a b  
d i p i p p o r i o r h n t e r m e d i u r t d u o e x i m a t m a i o r p o r t i o e r p i t l a a r t p p r e  
a b p p i t i t e r l e a b d i p b a t a u l y b d e e i q i p b a t p o u a q p e f n g o n e q l a t e r / m  
u n a l a t y p t d e t q r a e q d e r t i n g u l y e q u i l a t e r / m u n a l a t y p t d f t p m e r a n  
g u l y p e f n g o n q p t d p b e f n d e l a d e g / q l a t g o q q a h q / q p p a m p b q d u o r e  
d r o n t p e f n g o n l a t y e d e p l a t i t u b i t p r o r e d i o n t i n t u n l a t y e r d f t p d u r o e  
u e n t m a i f f u e q p e n d e p p a m p b i t c u b i t m l a t y e e g / q n a r g o l a p o t e r p p  
t o t a a b t e r m a i o r p o r t i o r a c t p u a t h p o t e r p p t o t a a b t e r m a i o r p o r t i o r  
b c / d i c o i t a q q p p o r i o e g a d d f / h e p l a t y c u b i a d l a t y t r a n g u l i p r o r e d i u u n a  
m i p o r i o a b e a d e r p p a q u e t i e p d h a d h / q l a t q d e r q c o r i l a i o i q e q a b  
e t p l a t y p o r g o n e q u i l a t i a u l o b d e t p p l a t y g o q p a h q a r e t p l a t y d e r g o n i  
e n d e r a u l y / m a q p i o n n d e p o t e r q r p p t o t a a b t e r m a i o r p o r t i o r a c t p e  
d e q t e q l i s h n a e n t u i q p a n t d e t h / l a t y e r q p t e n d u a r l a p a b t a r  
p u t a n t p p a p q d a r q d f e r t p l a p o t e n t i a d a b t a u o q p a e n d e p  
q h q p l a e r p o t e n t i a d a r g o q r a p t e r e g p p o r d p a d a b e p d b a d  
a r q i e p u n t i d f a d h p d a b a d a r t q r q d u r o e u e q m a i f f u e q p e d i d r  
p p o r i o r h n t e r m e d i u r t d u o e x i m a m a i o r p o r t i o e r e i t t p d e e i t p r a q h p p o r  
e g a d d e p d a b a d a r q u a d p n a q e i t q e g a d d e p d d f a d h t p u n t i e g  
a d d f p d d e a d h t q p p u n a p t e l e q d e a d h p d h a d h e o q d e t h p t e l e  
e i t p u n t i e g a d d f p d h a d h q d q r p p o r i o h n t e r p o l a a p e p p o r e g l a t y c u b i  
a d d f l a t y t r a n g u l i p r o r e d i u p d h a d h y m o p p l a p d q u l y d u a r l a p u n t a d a l l a r  
p p a l t r p p p t o t a q l y h a n t d i p i p p o r i o r h n t e m e d i u r t d u o e x i m a t p p e r  
m a i o r p o r t i o r t r a l i q u a p p p p e n d e r t p t p p e r u n o r p o r t i o r m a p p u l a r t l l u r  
d u a r l a p q t p p o r i o u n a u e g m a n a n t p o r t i o r p p t p p a b l h t h t  
p u a t q h a l i a l a q p t l m d i p i p p o r i o r h n t e r m e d i u r t d u o e x i m a t u r t a o r  
p o r t i o p t l m p i t y l a p p o t e r p t p t l m t e r m a i o r p o r t i o r l y t l a q p t p o t e r p  
t p l m t m a i o r e r p o r t i o r u m d i c o g o q p p o r i o p a d q e p d h a d h q l a t e u q r  
h q q b a a d a r e p d m l a d l y g o p p u n a p t e r e g e t h b a a d e t h a r p d d i m l  
a d e n d l u q i e q u i t i e t h a d e t h a r p d e t h p a d e t h l u t p u n t i e t h h a d e t h  
p p d e t h a r a d e t h l u t e r g o r g u n d e m o r g u e f o r q p p o r i o p d h a d e t h q  
e p d e t h c b a d e t h u m t q q r a h q t p u n a p t e r e g e t h a r a d e t h l y p d e t h  
c b a d e t h u m t q u u e t h h a d e t h p p d e t h h a d e t h q q u a d e p r a p p e r  
z i e g h a d p p d q a d h t p u n t i e h a d h p d p a d q q d e r a t d u m m i d d e t u e  
q q u a d u b i t a r o r l o m e a q d u o p t i d e r e f t a t o f f u r e t p u t t o r a d d h u r a r b i t a r  
g e g q p p p n a f r a m o d e m d p t o r r o b o r e i g a n t p u n a e a n t

**¶** Si aliqua plana superficies pperaz qualibet feret communis d r a

plane superficies pperaz t a n t u e p p p i n e i p p e r e e i t a n t e n a q h e n s  
a u l u / d i c o g o a l i q p l a n a p i f e s p e r a t p p a r t p t l a a b q i s p e r i o p p p i n e i p e  
a n t i s t p i f e s p p e r e d i c o q l a a b e a n t e n a a u l u / d i c o e n t e r p p e q t p l a n a  
p i f e p e r i o a q d q p f u i t t e a p p o n a u l u n t q h e i t t p t c q r g o t o l a a b e  
p i f e p p e r e t q o q l e d u r t e a n t p p e a d i p i p p i f e p t q l e p p d q l a t p d d i f f i o r  
p p e p e r i o u t o q l e d u r t e a p u n t o c a d l a y a b p t e l a t e r e g o a d i f f i o r a u l u  
p p p i f e q q h n t l a a b a u l u t e r e t p e r e r m i d e q r e t p p e r e t i a t e r p p e p i t  
p p p i f e p p a n t e r p o a r g o u b i n a r u i s t p t d a q u o p d o d i a n e u n d u m l a d r  
p p a d i d l a n s a d p i f e s p p a n t e t p r o t r o h a t a b e o r e t d d u e l e r e q u o n t q h e n t  
a d l a y a b q p d a t a b t a n g a r e n a t m b o p p d u e l e e d a t d b e q u a l y  
o q i p e p a a t p p e a d e r p i f e s p p d i f f i o r a p l e p p d i d l a n s a d p i f e s m a i f f u e













[illegible]



[illegible]





















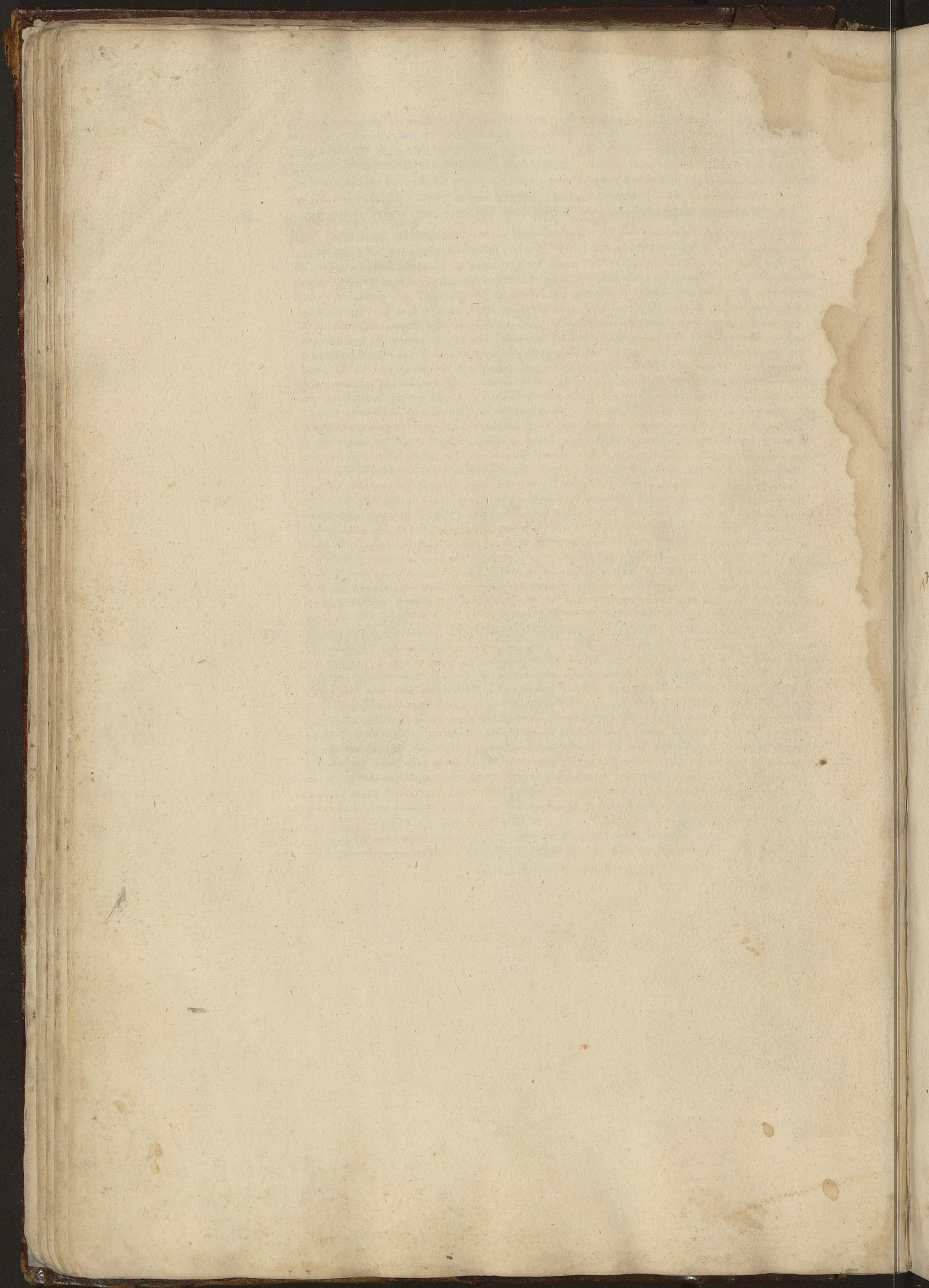


















dis nris mians ul' e ipa aia met ul' e polu d  
ana z p l' d'p'g' d'p' nris mians p' p'ia' z i  
p'ial' p'it' e ipa aia f' i'p'at' e acty l' q'p'p'are  
q' aia m'iat' **l'** p' q' autor i'p'p'ito alit' ut  
m'io m'iant' p' p' f'it' r'z m'iat' p' q' i'p' m'iate  
adit' p'it' aq' p'p' m' q' abso' q'p'at' z p' m'a  
d' m'is m'ath' p' q'p'at' ut e q'unda m'atie  
d' m'at' p' d' eade' l'ea f' t'p' d'p'p' q'p'at' o'p'  
accepta q' d' m'ath' z q'iz n'al' p' q' e' n'ond'  
q' f'it' duo' m'at' p' ab'p'ia' a m'a p' d'ell'at'  
v'io p' p' q' o'p'z d'ell'at' p' p' p'p'ie a'p'p'p'z  
p' q' d'ell'at' d'ell'at' f'it' ab'p'p' l' q' d'ell'at'  
m'at' z i' e m'od' ab'p'ia' d'it' e v'at' **q'** d'it'  
p'p' z p'p'at' q' ab'p'ia' n'o e m'ed'at' m'  
na d'ell'at' m' e l'ib'z q' p' d'ell'at' f'it' p'la  
n'o d'ell'at' m'at' **l'** p' f'it' ab'p'ia' a m'a  
p' z q' o'p'z d'it' q' e q'p'o z d'ip'o p' q' d'ell'at'  
d'ell'at' f'it' z p'p'at' a m'a f' e' x'p'ia' p' q'  
tal' p'it' e'p'it'at' z n'o p'it' i' m'a z i' e d'ell'at'  
f'at' q' q' m'at' n'o f'it' f'it' e' p' m'a n'  
e' q' m'a m'at' f'it' m'at' ut p' p' f'it'at'  
**D**iffinit' at' m'is m'ath'ema' t'p'at' **l'** m'o  
p'it' n'is e' v'it'at'it' collecto **l'** p'it' e' q'nt'it'  
at'enu' ex v'it'at'it' p'f'it' **l'** p'it' e' multi  
tudo ex v'it'at'it' collecta **l'** h'ic autor p'p'p'io  
t'ent' p'it' p'it' d'ip'it' m'is m'at'it' z p' f'it'  
h'ic d'iffinit' **l'** d'ip'e' i'bi d'ip'o m'is m'at'it' q'  
m'is p'it' d'it' m'at'it' v'io m'a' p'it' p'it' e' p'it'it'  
v'it'at'it' coll'at' z o'p' f'it'it' p'it' n'is e' coll'at' p'it'it'  
v'it'at'it' v'it' m'is e' m'at'it'it' ex v'it'at'it' p'f'it'  
v'it' p'it' v'it' m'at'it' q' z e' a p'it'it' m'at'ia m'is p'  
v'it'at'it' z a v'it' f'it'it' q' p'it' m'is d'it'it' e'p'it'  
d'it' e' f'it'it' z m'is p' h'ic q' d'it'it' coll'at' **l'** p'it'  
ex h'ic d'iffinit' p'it' m'at'it' z q'p'it'it' m'at'it' e'p'it'  
p'it' m'at'it' z f'it'it' p'it' m'is z l' p'it' al'it' p'f'it'it' ut p'  
p'it' p'it'it' z p'it' l' q' d'it'it' t'ext' z h'ic l'oc' p'it' h'at'  
d'iff'it' at' m'is m'a'it' e' p'it' n'o p'it' h'at'it' d'iff'it'  
m'is p'it' q'it'it' t'ext' **l'** p'it'it' q' v'it'it'  
e' d'it'it' q' q'it'it'it' at' e'p'it'it' z a v'it'it' v'it'it'  
e'p'it'it' z d'iff'it' p'it' a b'oc'it' z l'it' d' v'it'it'it' z  
v'io e'it' q' v'it'at'it' it' d'it' e' v'it'at' p'it' o'it' q'it'  
q'it'it' d'it'it'at'it' m'it' a p'it' ab'p'it'it' ut al'it'  
ab' al'bed'it' p'it' q'it' it' d' v'it'at' ab' v'it'it' **l'** h'ic e'  
v'it'it' m'at'it' z e' q' e' p'it'it' m'is z q' e' i' p'it'o  
q'it'it' p'it' d'it'it'at' v'it'it' v'it'it' m'at'it' q'it'it'  
m'is z s' p'it'it' d'iff'it' m'is t'p' p' e'it' m'is z o'z o'  
at' v'it'it' d'ip'o' p'it' p' e'it' d'iff'it' m'is z p'it' v'it'  
m'is z m'at'it'it' z m'is **l'** d'it' p'it' m'at'it'  
n'o e' m'is p'it' b'it' p'it'it'it' m'is.  
**D**iffinit' v'it' m'is e'it' m'is a'it' p'it' al'it' ip'it'  
**l'** h'ic p'it' e' q' p'it' d'it'it' p'it' duo e'q'lia m'ullo  
m'ed'io t'it'it'it' m'is ip'it' e' q' m'is p'it' d'it'  
i' duo e'q'lia q'it' p'it' t'it'it'at' m'ed'iu' e'x'p'la  
p'it' ut e' z **l'** **l'** d'iffinit' m'is p'it'it' e' q'it' p'it'  
e'ade' d'ip'o' p'it' d'it'it' i' duo m'at'ia z i' duo  
m'at'ia m'at'ia p'it'it' z m'at'ia q'it'it' p'it'it' duo'z  
q'it'it' p'it'it' q'it'it' z d'it'it'it' q'it'it' p'it'it'it'  
**l'** o'cton'at' p'it' d'it'it' z e' z e' z m'at'it'it' p'it'it'

ut lo d'it'it' p'it'it' z e' z e' z p'it'it' z e' z e' z  
q' p'it' p'it' d'it'it' m'is p'it' p'it' z d'it'it' p'it'  
p'it'it' p'it' o'cton'at'it' z e' z e' z d'it'it' p'it'it'  
z e' z e' z d'it'it' p'it'it' z e' z e' z p'it'it' z e' z e' z  
d'it'it' n'o p'it' p'it'it'it' q' d'ip'o f'it' p'it' p'it'  
h'ic nec e'it'it' m' p'it'it'it' d'it'it' p'it' q'it'  
o'p' d'ip'o ul' e' b'it'it'it' ul' r'it'it'it'it' ad  
e'it'it' m'is ut ip'it' e' q' p'it' d'it'it' n'o p'it' **l'** z  
d'iff'it' m'is p'it'it' e' q' z duo e'q'lia z m'  
duo t'it'it'ia r'it'it'it' d'ip'o'z it' q' i' n'eu'it'  
d'ip'o'z ip'it'it'it' p'it'it'it' ul' p'it'it'it' ip'it'it'  
m'it'it'at' p'it'it'it' p'it'it'it' p'it'it'it' q'it'  
i' e'q'le'z m'is n'o r'it'it'it' d'ip'o'z v'it'it' ut o'cto  
p'it' d'it'it' z e' z e' z e' z e' z **l'** p'it'it'it' aut  
m'is e' q' p'it'it'ia r'it'it'it' f'it'it'it' s'emp'  
q' p'it'it' p'it'it'it' z al'it' p'it'it'it' p'it'  
i'act' **l'** d'iff'it' m'is p'it'it' e' m'is p'it'  
e' q' d'iff'it' a m'is ip'it' v'it'it'it' t'it'it'it'  
ul' d'iff'it'it' ut p'it'it'it' d'it' a s'en'at'io  
v'it'it'it' t'it'it'it' ab' o'cton'at'io q' d'it'it'it'  
**H**ic autor p'it' d'ip'o'z m'is z d'it'it' p'it' q' p'o  
d'it'it' m'is z m'is p'it'it' z ip'it'it' p'it' q'it' e'it'  
p'it'it'it' it'it' m'is p'it'it' z p'it'it' p'it' p'it'  
q' p'o p'it' d'ip'o'z p'it' m'is d'it'it'it' d'iff'it'it'  
n'o f'it'it'it' p'it' p'it' e'it' t'ext'it' **l'** p'it'it'it' q' m'is  
p'it' z ip'it' q'it'it' ab'it'it'it' d'ip'o'z p'it'it' z  
p'it'it' d'it'it' v'it'it'it' z d'iff'it'it' q'it' q'it'  
duo p'it'it' d'it'it'it' p'it'it'it' p'it'it'it' ip'it'  
d'it'it'it' e'p'it'it'it' **l'** p'o d'it'it'it' p'it' ab  
ip'it' p'it'it' q' m'is p'it' p'it' d'it'it' duo e'q'  
lia n'ulla v'it'it'it' p'it'it'it' q'it' n'o q'it'it'it'  
ip'it' q'it'it' n'o p'it' d'it'it' duo e'q'lia p'it'  
q'it' p'it'it'it' v'it'it'it' ad m'is z p'it'it' d'it'  
p'it' d'iff'it' m'is p'it'it' z p'it'it' d'iff'it' m'is ip'it'  
p'it'it'it' z h'ic d'it'it' d'iff'it'it' v'it'it'it' b'oc'  
v'it'it'it' q'it' d'it'it' p'it'it' n'o p'it'it'it' **l'** d'it'  
m'is p'it' a m'is ip'it' p'it'it' q' m'is p'it'  
v'it'it' d'ip'o'z e'it' q'it' d'it'it' z d'it'it' e'it' m'  
d'it'it' d'it'it' m'at'ia z m'at'ia d'it'it' p'it'  
n'o m'it'it' m'at'ia z m'is ut p'it' p'it'it'  
o'p'it'it' v'it'it'it' q'it'it' p'it'it' p'it'it' p'it'it'  
o'p'it'it'it' duo'z q'it'it'it' it' q'it' m'at'ia  
d'it'it' m'at'ia p'it'it' d'it'it'it' z l'it'it'it' ip'it'  
ad e'q'it'it'it' p'it'it' e'it' m'is p'it'it' d'it'  
duo'z m'ed'it'it' z p'it' m'at'ia p'it'it' d'it'  
p'it'it' p'it'it'it' d'it'it' p'it'it' b'it'it'it' p'it'  
m'it'it'it' q'it' d'it'it'it' h'ic d'it'it'it' p'it'it'it'  
p'it'it'it' z d'iff'it' m'is p'it'it' q'it'it' h'ic  
q'it'it' d'ip'o'z p'it'it' z p'it'it' p'it' d'iff'it'it'  
ip'it'it' p'it' p'it'it'it' m'is ip'it' e'it' m'is  
q'it'it'it' n'o p'it' p'it'it'it' duo'z it'it'it' p'it'  
m'at' p'it'it' **l'** z al'it'it' e'it' d'it'it' p'it'it'  
t'it'it' z p'it'it'it' p'it'it' q'it'it' d'it'  
p'it'it'it' e'it' p'it'it'it' p'it'it'it' p'it'it' p'it'  
ip'it'it' it' q'it' ut ab'it' p'it'it'it' ab'it' ip'it'  
z m'is q'it'it'it' p'it'it'it' ip'it'it' z v'it'it'it'  
d'ip'o'z p'it'it'it' p'it'it'it' z d'ip'o'z m'is  
ip'it'it' q'it'it'it' e'it' d'it'it' p'it'it' p'it'it' m'is  
p'it' z al'it' m'is ip'it'it' p'it'it' p'it'it' al'it'  
duo d'iff'it'it' m'is p'it'it' z ip'it'it' p'it'  
l'it' z p'it'it' m'od'it' d'iff'it'it'it' d'it'it' m'is

h'ic  
p'it'it'it'

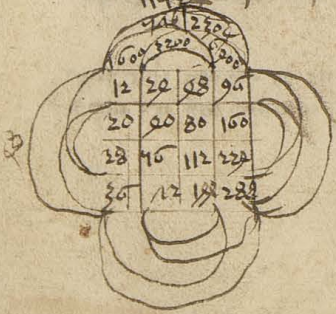
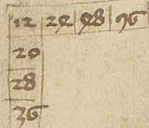






**I**mpariter par e nūq q pōt didi in duo eglia ⁊  
aliqnes medietates e⁹ didit in duo eglia  
s illa dīpō nō predit usq ad vnitates nūq  
eo dīr ī 20 ⁊ 20 ⁊ 20 dīr ī 10 ⁊ 10 ⁊ 10 ī 4 ⁊ 4 s illi  
nō predit p eglia nūq at iste quēt ⁊ dīr cū  
mūo pīt pāi qd tñ q medietas e⁹ p eglia didi  
pōt s dīr abeodez qz p illa dīpōz nō pūent ad  
vnitates **H**at mūi gnāo ē tal' accipia nūi  
pīt pāes tādō aqñuāio dīm mūi ipāes aqñuāio  
īnpīeō exm ut usq ut 2 8 16 32 64 ⁊ 34 19 11  
dīm mltiplīe qz pīt pāuū p qz istoz ipāuū  
⁊ oēs mūi q m pūent ipīt pāes noīan **H**  
at mūi s vna dīpōz pīt eē eēē ppetes q s  
pīt pāis s s alioz dīpōz q s pīt ipāis s dī signa  
delabīr tñ pma līea s e⁹ mūi s 12 24 48 96  
⁊ ⁊ alia s īsta s laktudīez 12 20 28 36 hñ g s  
log⁹ nūq hñ ppetes **P**īt pīt pāuū s q s mltiplīe  
exmū p exmū ul' medū p medū p pē 10z  
pūent hñ m **P**ili illi s laktudīez hñ ppetes  
pīt ipāuū s q s addīr exmū exmō ⁊ medū  
medū ul' medū s pīt 10z pūent **13** s  
pīt hñ cū 2 ⁊ q auctor dīat d mūo ipīt pāi  
⁊ pō diffīnīe 20 8 e⁹ gnāo ⁊ 30 d ppetes  
nōndū q nūq ipīt pāe ē q medī ⁊ mūq pīt  
pāez ⁊ pīt ipēz qd pō p ex e⁹ gnāo nā e⁹ gnāo  
sīr ex mūo pīt pāi ⁊ ex radīe mūi pīt ipāis  
ex mūo ipāi ⁊ ad d' boē hñc mūq esse qstū ex  
nūq peditū 30 p 12 ex nūq ppetes nā ⁊ aqñ  
hñq qd cū mūo pīt pāi ⁊ ⁊ aqñ cū mūo pīt ipi  
⁊ ⁊ qñq qd cū mūo ⁊ illo dīr ab alio ⁊ e⁹ pñ  
e mūq qd cū mūo pīt pāi qz nō solū maior  
tñ dīr p eglia mūo ē medietates ⁊ ⁊ eodē dīr  
a mūo pīt ipāi ubi solū aqñ tñ dīr p eglia ē  
medietates nō ⁊ hñ cū tñ cū d' nūq at ē qd  
cū mūo pīt pāi qz qd ex e⁹ p s hñ dūoīez ⁊ qñq

**A** Habito de nro pari et es ppeb9 seqt de  
nro ipari. **I**mparis at mui tres se ppe  
sz nuy pms et tpposity nuy 29 et qpoity  
nuy 29 et tpposity no se se ad aliu rlaty  
**P**ms qdez et tpposity e qui no hz ptez ali  
quota ptez vmitatez pd se 3 et 4 n 9 u 29is  
**N**uy vo 29 et qph est qui non solu hz vmi  
p pte aliquat s et i alios mios didi pt  
pd q m ps aliquota no solu est vmitas  
s etiaz 3 pd e etiaz 14 m ps aliquat e i  
idez pz de 21 et 24. **I**ta ppe q est 29 et tgh  
no t se s ad alios qpaty e qui lig i se  
heat aliq ptez aliquota aliaz ab vmitate  
tn ad aliu miz rlaty nullaz mefura qez  
pnt aduicez hze et tles se mla ut q et 24  
qz ulla e mefura qis qz id qd e ps aliquat  
vmy excepta vmitate no e ps aliquat ali  
qz 3 se ps aliquat d q no tn se ps aliquat  
d 24. **E**st at ps aliquat d qua loqm hic  
q aliquos supia reddut pui totu ppipe  
ut i aliquos supia reddut 24 et 3 ter sup  
ta reddut q. **C**aph 29 q etatit i q de  
nat d ppeb9 mui ipais et pmo pnt h dif  
finita 20 pnt gnos 100 ppe alu pmo  
**C**um pui duo fit po pnt dnos mui pps  
20 mbra dpos ppe alu pui qdez et tgh  
**M**onda ie mui d pui et tpposity q sola  
vmitas muiat et qpoit se go isti mui vmit  
et qpoit alioz s no qponit qo alis mui tgh  
ex pph9 aliquis et hz se tgh eleuta et no de  
metata rppai alioz muior mui forte vmitas  
dim2 eoy eleuta q oim muior e pui pui  
**N**uy vo 29 et qph d qz ab alio q a sola  
vmitate muiat ut q qpoit ex 29 et vmit  
pli et 14 qz tot q finit et pli qidit vmi  
se 14. **I**ta vo ppe no e vmy mui s duo ad  
vmitas qph qz no e vmi mediu qe abos  
mepmiz qz al illoy muior i se et 29 et qph  
s qpaty ad aliu eoye gnis sz q et e 29  
et qph tuc e p9 et tgh eo q nulls mui utqz  
muit mui sola vmitas qz q hz 29 ptez s  
24 no hz 29 s 14 qz no hz q 100 et q qpaty  
ad u no d p9 et tgh qz no se abo eoy gnis  
na q i se et 29 et qph s u e pui et tpposity et 24



3 4 A 9 11 13 14 1A 19 21 23 24 2A 29 31 33 34



$$\begin{array}{cccccccccccc}
 1 & 10 & 100 & & 1000 & & 10000 & & 100000 \\
 \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow \\
 17 & 29 & 39 & & 29 & & 49 & & 1 \\
 \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow & \swarrow & \searrow \\
 6 & 28 & 296 & & 8128 & & 130816 & & 1
 \end{array}$$

Abito de nũo in se q̃dato nō r̃lato ad  
aliũ m̃r d̃redũ est de nũo ad aliũ re  
lato **D**is̃ ap̃ m̃s ad aliũ r̃lato ã est ẽqlis ã  
r̃ẽqlis si sit ẽqlis nō didĩ si sit r̃ẽql̃ hoc est  
dupl̃z ã est eo maior ã m̃or si maior hoc  
ē quĩq̃ m̃ois s̃z m̃ltiplex sup̃participl̃is si p̃r̃ies

130816 non est perfectus sed abundans et Shufeldti natus  
Anthracinus eundem errorem errant. Vide Petri Rami  
Anthracinum editum Parisius anno 1555. ex Euclidi collectis

propositio	consecrata.	18688	7	College sancti
propositio	consecrata.	9344	14	Maritimi
propositio	consecrata.	4672	28	Maritimi
propositio	consecrata.	2336	56	et videtur
propositio	consecrata.	1168	112	non esse per
propositio	consecrata.	584	224	fectus
propositio	consecrata.	292	448	
propositio	consecrata.	146	896	
propositio	consecrata.	73	1792	



1 2 3 4 5  
2 6 8 10 12  
3 5 9 12 14 18  
4 8 12 16 20 22  
5 10 14 20 24 30

2	2	6	8	10
3	6	9	12	14
4	8	12	16	20
5	10	14	20	25

[illegible][illegible]







[illegible]







nūf muel E mbo  
 pme hēi q l h oq  
 dūm p mē tēi q ut  
 tēi q q n q q z  
 phalend β boē  
 β gōf phēmstō  
 x mē vō z p l a t q  
 vōit p a l d h o q u l  
 a q q vōit dūm q

[illegible]

Ab his duo mīs sū vntē & biazio origialit<sup>te</sup>  
oēs mū pducūt vī mū qdrati & altera  
pte logioes tūc oē qd ē ī mūdū ul' ē  
sba īmūbil' p dēq l' ē nā mūbil' & vana  
ut corruptibilia sū d' ex nā mūbil' & īmū  
qstāt totū mūdū ita ex mīs qd nāpū  
ex vntē & ex mīs alia pte logioib' q nāp  
cūc' ex biazio oīs mīs est qpositū Ad m  
euidēdū licet pūc dīm sū d' qdrato dīm  
q sūc' ē h' & q alia pte logioz & quō ab ante  
longioi differat. Calū ad t' q dīat d' qd  
p pēb' mūdū & mūdū ē h' & alia pte logiois  
& pō oūt q oīs mīs ī pūcāt ex vntate et  
biazio. notā vntatē & pūc' vntatis q dīat  
mīs mūpūcāt sū mūcōe mūcāt. nā sūc' ī  
manū ī sūc' 2 manū 2 sūc' tā sūc' 2 sūc' ī  
sūc' biazio & pūc' altitatis q dīat tūc' l' sūcū  
sūc' alt' mīs qūc' ī pūc' mīs q sūc' ad vntatē  
tūc' ad mūdū pūc' vō ad dualitatē & idē ī pūc'  
mīs d' pūc'pūc' dēpūc'pūc' sū mīs dēpūc'pūc'  
pūc' vō d' mīs altitatis & dūpūc'pūc' sūc'

**Q**uadratus mīſ ē ille qui puenit ex ductu  
 aīſ mīſ in ſe ſel ut biſ duo frunt qor ſi  
**A**ltāptelōgior ē mīſ q puenit ex ductu aīſ  
 mīſ i ppi<sup>m</sup> ſaptez ut ter qor **A**nlogior ē  
 mīſ q puenit ex ductu aīſ mīſ nō i ppi<sup>m</sup>  
 ſi talū ſaptez ut ter quinqz q pō iſte mūdū  
 qſtat ex pibz ſi pporioz eoz i armonia in  
 erioz itelligēdu eſt d' qis z altā pte logi  
 orūbz adiūtez pporioz oēs ipſe **A**gnar  
 ap mūdū qdratoz hēſt p aggaroz omī ipa  
 riu ut 13 4 1 9 r **A**gnar ap altāptelōgior  
 ſit p aggaroz pariu ut 2 z 6 8 10 r **A**gnar  
 at mīoſ qtoz talū pte lōgior mltie ſe  
 ppetates **p**ma ē q p pmi mīſ qm qpaet  
 altāptelōgioi pmo ibi eīſ 2 la ppo<sup>e</sup> ut ſi  
 q q eſt p q mīſ qm qpe<sup>e</sup> ad duo q ē p q mīſ  
 altāptelōgior ſaltez i poteria eīſ pporio  
 2 la z ſi 29 qm qpe<sup>e</sup> 2o mīo altā pte longior  
 eīſ ſpjalū pporio ut q ad 6 ſi vō 39 qpe<sup>e</sup>  
 3o eīſ ſpja<sup>e</sup> pporio ut q ad 12 **2a** ppetas  
 ē q p qpaet 29 qm pō altā pte lōgioi z 2o  
 39 2o z 29 3o nōz mīſ puenit z eēdeſ ppor  
 tioz ut dūm ē ſup z ſi qpe<sup>e</sup> q ad 2 ē 2 la  
 z q ad 6 ē ſpja<sup>e</sup> z 12 ad 16 ē ſpja<sup>e</sup> **3a**  
 ppetas oēs mīſ qti dēt abūtez i m  
 paibz ſaltez imēdiati ut it i 2 q ſe 3 it  
 q z q ſe 4 tōſ ſi mīſ altāptelōgioz dēt  
 i paribz ut itoz 2 z 6 ſe q it 6 z 12 ſe 6  
 tōſ **4a** ppetas ſi mīſ pmi mīſ qti z m  
 pōi 39 mīſ altāptelōgior i eēdeſ pporioz  
 ſe hz ad utqz ſi it q z 9 ponit 6 it  
 ſi 6 ē ſpjalū ad q im q ad 6 **4a** ppetas  
 ſi aggen<sup>t</sup> duo qū ſi qm i vñ altā pte lōgior  
 it eoſ qſtet pſenſ mltiplic<sup>e</sup> ſe mīſ q m  
 puenit at qm pueniēſ ex mīo ipāi imēte  
 ſaptez mīſ altā pte lōgioz ut ſi q uīgaſ ad



147.  
74

[illegible]







ipſi ſenſu ſu tibi **3<sup>a</sup>** pſentis eſt qd ſi tñ ex  
pl' iugā t mltiplicat totū p mediū t d qd  
pñt hēbit ſe t 2<sup>a</sup> pporōe ad d qd pñt  
ex mltiplicatōe exm p exmū vñ 2 3 6 pñ  
gāt 2 ad 6 t eſt 8 vñ mltiplicat 8 p 3 t  
eſt 24 itez mltiplicat exmū p exmū ſu 6 p  
2 t ſunt 12 q ſe medietas 24 **2<sup>a</sup>** at medie  
tas armoica qd t har medietate oſ pporōes  
mupice tñent **Et** nōndū qd hēc 3<sup>a</sup> medie  
tates q dē ſe mē duos tios pñt tñent ut tñ  
10 t 20 diſponat 24 t medio t eſt mēſ aſp  
pñ n ſe hz 20 ad 24 ſe 24 ad 10 qd ut hz dā  
ē 16 ſi pñat t medio 16 t eſt pporō ar  
moica 20 10 16 20 qd t q pporōe ſe hz 20 ad  
10 ſu t 24 t tli ſe hz dā t 20 t 16 ſu 24  
ad dñz q t mē 16 t 10 ſu 6 qd 24 t 24 ad  
6 **Et** geometta ē ibi ſi pñat t medio 20  
nā pñ 20 ſe 24 ad 20 ita 20 ſe 24 ad 10 tñ  
**Ca<sup>3</sup>** h dñt d' 3<sup>a</sup> pporōe qd tñt t ſpñt ſu  
armonia **Mediū** mediū armoica ſi mupic  
t qd tios pporōes ſe tñt pñ adde eſpina  
adimēt ut 10 ad 20 ſe 20 dñ pñs dñz ex  
mōz ſu 30 t mltiplicat p mltiplicat mltiplicat  
dñz 30 t ſe tñt t id qd ſe pñt dñz p  
quātū qñmōz ſu p 40 dñ mltiplicat qñs  
ſu 6 adde mltiplicat ſu 10 t eſt 16 q ſe mē  
mōz tñz qd exm tñ 6 t 12 qñ mē 2 8  
**Niſo** de tñz medietatibz famopz t atqz di  
cendū ē d' alijs 13 qd pñt nichomach' ut  
pñt mltiplicat dñz q ualde plantū ſuit pñ  
gōe t aſtoli t alijs pñs **Prima** iſtaz medie  
tatu q tñt pñt dñz ē 2 t qñ armoica  
eſt qñ pñt tñz pporōes mē ſe pñ ſe 3 4  
qñadmodū ſe hz maxiz tñ ad mltiplicat ſe  
hē dñ q t mē mltiplicat tñ t mediū ad dñz  
q t mē mediū t maxiz pñ 6 t dñ ad 3  
ita dñ q t mē ſu t 4 ſu 2 t 2 t ſe ad dñz  
q t mē 6 t 4 **2<sup>a</sup>** medietas ſu 4 t qñ  
tñz tñz pporōes ul' pñt nō eedez dñz nō  
pporōes tñent ſi qñadmodū ſe hz mediū  
tñ ad mltiplicat ita ſe hz dñ q eſt tñ mltiplicat t  
mediū ad dñz q eſt tñ mltiplicat t mediū  
ut 24 nā pñ ſe hz 2 ad 2 q 2 ſe 24 ad 2  
ita hñz q eſt dñ tñ 2 t 2 t 2 t ſe pñt  
vñz q t dñ tñ 2 t 2 t iſta mēſ qñt  
mē geometta **3<sup>a</sup>** pñ 6 mēſ ē qñ tñ  
ul' pñt tñz pporōes tñ eſt nō ſe eedez ppor  
ōes nō eedez dñz ſi pñ ſe hz maior tñ ad  
mediū ita ſe hz dñ q eſt tñ mltiplicat t mē  
ad dñz q eſt mē maior t mediū ut 12 6  
nā pñ 6 t pñt ad 2 tñ 3 q ſe dñ tñ 1 2 2  
ſe pñt ad 2 q ſe dñ tñ 2 t 6 **4<sup>a</sup>** pñ  
medietas ē qñ tñz tñ pñt pporōes nō  
ſe eedez pporōes tñ eedez dñz tñ eſt ſi pñ  
ſe hz maxiz tñ ad mltiplicat ſe dñ maxiz t mltiplicat  
ad dñz mediū t mltiplicat ut 6 8 9 nā pñ q ad 6

qñ pñt ita 3 q ſe dñ tñ 6 t 9 ad 2 q ſe dñ tñ  
6 t 8 **Ca<sup>4</sup>** pñ 8 mēſ ē qñ pporōes tñz tñz pñ  
ſe hz exm tñ ſe ſe dñ tñ illoz duos exmōs addñz  
q t mē mediū t maior ut 6 12 nā pñ 6 t pñt  
ad 6 ita 3 q ſe dñ tñ 6 t 9 ad 2 q ſe dñ tñ 1 2 3 6  
1 9 mēſ ē qñ pporōes tñz tñz q t pporō mediū  
tñ ad mltiplicat eedez pporō dñz pñt tñ duo eſpina  
ad dñz pñt tñ mediū t mltiplicat ut 6 12 nā pñ 6  
t pñt pporō ad 2 ita 3 pñt tñ 1 2 t ſe pñt  
ad 2 q ſe dñ tñ 6 t 9 **5<sup>a</sup>** pñ dñz medietas ē  
qñ tñz tñz pporōes pñ ſe hz mediū tñ ad mltiplicat  
ſe hz dñ tñ exmōs tñz ad dñz q t mē mēſ t ad  
ut 3 4 8 nā pñ qñt tñ pñt pñt tñt tñt ſe  
4 q ſe tñ 3 t 8 ſe pñt pñt tñt tñt tñt 4 t 8 t  
de oibz iſtaz pñt mltiplicat pñt **Ca<sup>5</sup>** tñ  
q dñt d' 13 pporōes tñt tñt collatibz t mltiplicat  
pñt **Mediū** qñ hñt 20 aſp ſe mē 42 dñt  
q 3<sup>a</sup> medietas pñ pñt tñt qñt qñt vorat  
ſumopz t atqz ſe tñt tñt a pñt tñt tñt pñ  
tñt ſe alie 3<sup>a</sup> pñt tñt tñt armoica tñt dñt qñ  
qñ tñt geometta pñt tñt alij addñt qñ  
alijs ut mltiplicat qñt tñt ſe tñt pñt tñt  
pñt tñt collatibz **6<sup>a</sup>** pñ dñz medietas ē  
qñ armoica medietas ſe hñt 20 aſp ſe mē  
pñt qñ dñt tñt qñt tñt pporō maior tñ ad mltiplicat  
tñt pporō dñt tñt mltiplicat t mediū ad dñz q t  
mē mediū t mltiplicat hñt ad 2 pñt tñt pñt  
ad mltiplicat ita ſe hz dñ mediū t mltiplicat ad dñz mediū  
t maior tñt dñt alie medietas pñt pñt qñt  
tñt ſe tñt qñt qñt nā tñ 2 6 tñt geo  
metta tñt tñt tñt nā tñt qñt mē ad tñt mltiplicat  
ſe tñt qñt maior tñ ad mediū **7<sup>a</sup>** pñ 8 mē  
dñt tñt dñt tñt tñt tñt tñt tñt tñt tñt  
**Reſtat** nūc de maxia t pñt medietate dñt  
qñ tñt tñt tñt tñt tñt tñt tñt tñt tñt  
tñt tñt maxia t pñt qñ tñt tñt tñt alie  
3<sup>a</sup> mēſ tñt tñt tñt tñt tñt tñt tñt tñt  
pñt pñt tñt qñt pñt tñt tñt tñt tñt tñt  
nā pñt qñt qñt 12 t qñt 6 tñt armoica medietas  
3 eoz dñt tñt pñt 12 ad 8 t qñt 6 tñt mēſ  
geometta nā q tñt pñt 12 ad 6 eedez pñt exmōs  
12 ſe 8 ad exmōs 8 ſe 6 tñt tñt pñt mltiplicat  
tñt pñt q tñt 12 tñt 6 ad 6 tñt qñt  
diapente qñt tñt pñt pñt tñt pñt qñt  
tñt 6 tñt qñt diapente qñt pñt 24 tñt  
pñt q tñt 9 tñt tñt qñt pñt pñt tñt  
tñt 6 tñt tñt qñt 12 tñt pñt diapente qñt  
pñt pñt **Et** oſ iſte qñt pñt ſe pñt  
hñt pñt iſta medietas tñt maxia t pñt ap  
pellat **Et** tñt tñt medietas geometta nā pñt ſe hz  
6 ad 9 ita 8 ad 12 tñt pñt pñt **Et** ſiſ  
**Ca<sup>6</sup>** tñt tñt dñt dñt medietas pñt **Mediū** qñ  
tñt tñt diſpñt vorat tñt tñt qñt dñt tñt  
tñt tñt pñt tñt diapente tñt qñt dñt tñt  
tñt tñt tñt tñt tñt tñt tñt tñt tñt  
42 vorat pñt tñt tñt tñt tñt tñt tñt  
1. duo tñt pñt tñt tñt qñt tñt tñt  
tñt tñt pñt qñt tñt pñt 24 tñt tñt  
qñt vorat tñt tñt tñt tñt tñt tñt  
tñt tñt tñt tñt tñt tñt tñt tñt tñt















[illegible]



1 plg 14  
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19



[illegible]



videt octo grandes & subint<sup>2</sup> capitalis

James

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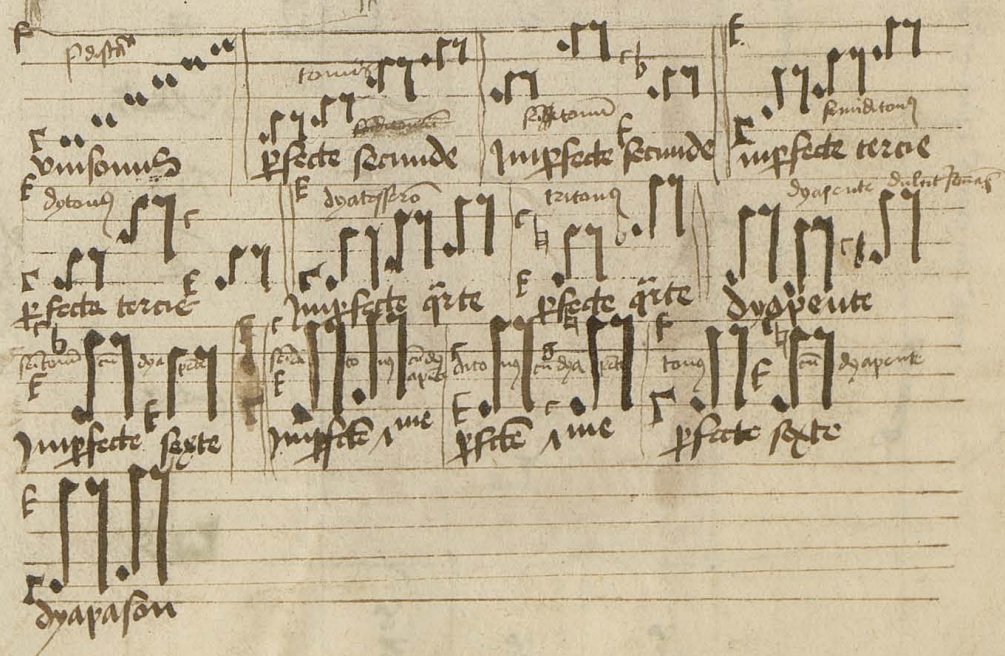
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[illegible]



A drawing of a hand with musical notation on the fingers, showing a scale from C to B. The notation is as follows:

Finger	Notes
Thumb	C (C), D (D), E (E), F (F), G (G), A (A), B (B)
Index	C (C), D (D), E (E), F (F), G (G), A (A), B (B)
Middle	C (C), D (D), E (E), F (F), G (G), A (A), B (B)
Ring	C (C), D (D), E (E), F (F), G (G), A (A), B (B)
Pinky	C (C), D (D), E (E), F (F), G (G), A (A), B (B)

[illegible]



[illegible]

Diplo lilezi  
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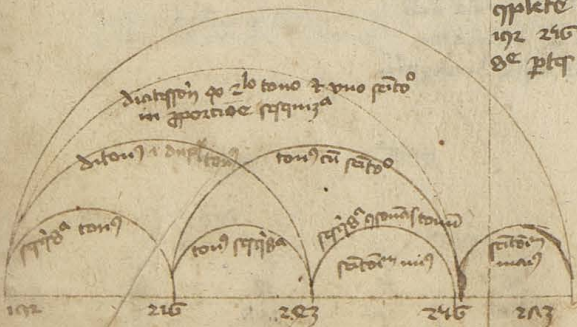
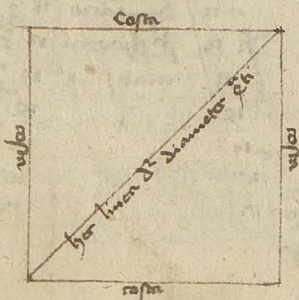
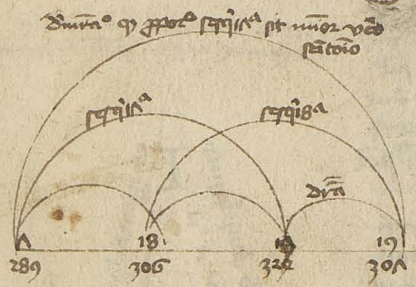
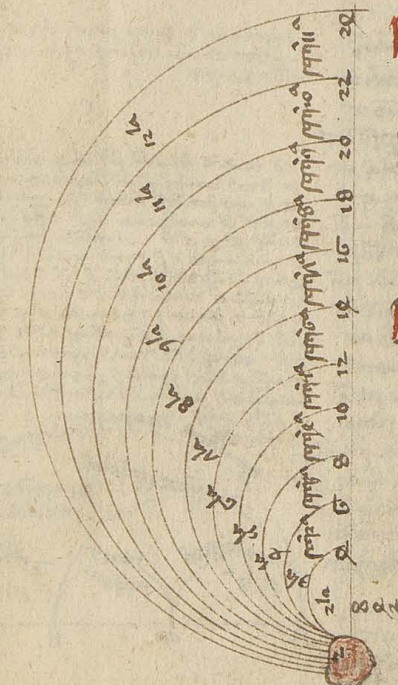
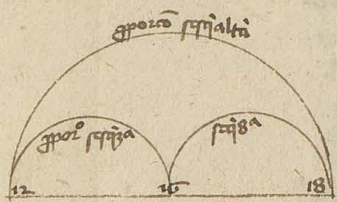
vi. pitagoras ipit rissit boen ipse  
pythagoras gundo tubalq rissit  
Tubal epologat notis potes ishe  
Euphio thebens ac orphe thethe

bestia nō rātor q̄ nō tnt arte s̄ n̄  
nō vox rātor; sūt artēs s̄ cōmūit









Na qñ ē mī mōre ē mī maiōe ⁊ qñ ē mai⁹ maiōe ē mai⁹ mōre  
Ex hoc ⁊ qñd⁹ diapason ēē mai⁹ alijs diatesson vo mōz pō patuit qd⁹  
Et diapason habet diatēte ⁊ diatēsseron iūsta creatur. **Or**

[illegible]

**N**et diatesseron a diapete tono supari. Diatesseron em sit. apozoe  
 peris<sup>a</sup> diapete at i peris<sup>a</sup> s perquis<sup>a</sup> depta a peris<sup>a</sup> qm e<sup>9</sup> si no pt  
 eo q peris<sup>a</sup> minor e peris<sup>a</sup> p<sup>a</sup> una e maior e una 3<sup>a</sup> i manz ppor peris<sup>a</sup>  
 pbaro h est ut 8 i n e ppor peris<sup>a</sup> i t<sup>9</sup> q i n peris<sup>a</sup> s i t<sup>8</sup> i q peris<sup>a</sup>  
 i ista sit tonu p figura aruloz i h<sup>e</sup> ppor. **N**et ut clari<sup>9</sup> appent d' addire  
 i sitior pporionu adimere in i g<sup>9</sup>ie mult<sup>9</sup> q suppari<sup>9</sup> cu hec pporie  
 q quoda dino mte forma<sup>t</sup> patis notabilez d' h<sup>9</sup>modi ppe submigo f<sup>9</sup>sz  
 Ex qua f<sup>9</sup>sz p<sup>a</sup> diatesseron i peris<sup>a</sup> apozoi supari a diapete i peris<sup>a</sup>  
 pporoe tono. i pporoe peris<sup>a</sup> utz i m<sup>9</sup>z n 16 18 q<sup>d</sup> e d<sup>9</sup>g<sup>9</sup> relique p<sup>a</sup>ella

[illegible][illegible]























**Q**uantitates alij mensurare est tueri quoties in ea aliqua famosa quantitas continetur ul' quota pars aut quoties partes sit aliam famosam quantitatem. **A**ffamosa autem quantitas est que apud omnes aut multos usitata est. **Q**uantitas aliqua tunc dicitur esse nota quando scitur quoties in ea alij famosa quantitas continetur ul' quota pars aut quoties partes sit aliam famosam quantitatem.

**A**nte tres diffinitiones se satis manifeste et nota quille dunt famosam quantitatem que apud multos sit usitata sicut digitus palma cubitus passus pes pica que est longitudo pedum vulva studium milia leuca et quales. **D**e alijs autem quantitatibus in propriis naturalibus et solidis et per librum non fiet mentio sed et alijs nam et librum 20 que est de platina metrum fiet mentio de mensuratione secundum longum et latum et 30 de stadiometria sicut de mensuratione quantitatibus secundum longum latum et profundum. **Q**uod autem primo libro solum tractabo de altimetria que est mensuratione quantitatibus secundum unam dimensionem tantum secundum

**S**i fuerint due quantitates note earum proportio adiuncta erit. **L**ogarithmus nota. **G**eneralis opus ad inveniendum proportionem est ista dicere maiorem quantitate per minorem et illud quod quodammodo est diuisio proportionis maioris quantitate ad minorem sicut ut videntur specialiter ponam exempla et quibus que proportionis tamen si utrobique sit integra quod si sit fractiones vel integre et fractiones sicut primo et proportionem multiplicari sit a 12 b 2 dicere 12 p 2 et minus quoties est ternarius que est denarius proportionis triplicem nam 12 in 4 est proportio tripla que diuisio a triario. **I**n supraparte sit a 9 b 6 dicere 9 p 6 et habebis unum cum didio et est diuisio proportionis septialte quoniam 9 ad 6 est proportio septialta que diuisio ab uno cum didio. **I**n subparte sit a 4 b 3 dicere 4 p 3 et habebis unum cum duobus triis et est diuisio proportionis subtriplicis nam 4 ad 3 est proportio subtriplicis et diuisio ab uno cum duobus triis. **I**n ultimum proportionem sit a 4 b 2 dicere 4 p 2 et habebis 2 cum didio que est diuisio proportionis duplice septialte nam 4 ad 2 est proportio tria septialta que diuisio a duobus cum didio. **I**n ultimum subtriplicem sit a 8 b 3 dicere 8 p 3 et habebis duo cum duobus triis que est diuisio proportionis 24 subtriplicis nam 8 in 3 est proportio tria subtriplicis que diuisio a duobus cum duobus triis. **S**i vero sit utrobique fractiones eorum diuisio operis de unitatibus ut dunt est de integris. **D**idendo maiorem unitatem per minorem et est minus quoties diuisio proportionis maioris quantitate ad minorem ut sit a 3 b 2 dicere 3 que est maior diuisio per duo que est minor et habebis unum cum didio que est diuisio proportionis septialte nam 3 ad 2 sit proportio septialta. **S**i vero esset fractiones diuisio diuisio vel integre et fractiones per a 6 b 2 et b 2 unum pedis vel aliam famosam quantitate. **N**am est duorum pedum cum duobus triis et b 2 esset solum unum pedis. **R**educimus primo totum ad eandem diuisioem per operis ut id dunt est unum sit a 6 b 2 unum pedis et b 2 unum pedis idem totum ad eandem diuisioem sit ultimum diuisioem unum pedis per diuisioem aliam sicut p 4 et habebis 20 diuisioem sicut 20ne sit et eorum triis sit ultimum diuisioem et fractionem que est 4 p 20 diuisioem per que est 2 et habebis 14 totum 20ne sit et 2 p 14. **E**t eodem minus quot 20ne sit et 2 p 14 multum unitatem eorum que est 2 p diuisioem aliam que est 2 et habebis 8 totum 20ne sit et duobus quibus sit 8. **Q**uo fit vide quod hanc proportionem 14 ad 8 ut dunt est et illa est proportio supseptiplex octauas et tale proportio habet 2 ad 2 p 4 proportionem supseptiplex. **I**ntegrum vero sit idem ad fractionem quod sit volunt quilibet unum integre per diuisioem et productum fac unitatem denotat non unitatem ut si vis reducere duo integre ad quatuor multum duo que est minus integre per 4 que est diuisio fractionis et habebis eandem quatuor que si vis addere cum aliquibus alijs eandem diuisioem addere unitatem adiuncta diuisioem non unitatem ut si vis addere 14 cum 2 addere 10 duobus et habebis 12 et prima. **I**ntegre cum fractionibus ad integre cum fractionibus sit idem per 2 pedes cum 2 et b sit unum pes et 2 idem per 2 duos pedes ad eandem et habebis 2 que addere 2 et est 4 per idem unum pede ad quatuor et sit quibus quatuor que addere duobus quibus et sit 2 diuisioem vide quod hanc proportionem habet 2 ad 2 ut sit dunt est et illa est proportio supseptiplex octauas et talis proportio sit per 4 cum 28 et tale proportio habet 2 pedes cum 28 quibus ad a cum duobus quibus sit proportio minor proportionem dupla. **I**tem exemplis quatuor habet priet publicis mensuratori inuenire.

**S**i proportio duarum quantitatum ita que sit proportio realis sit nota et una

Suppo pma



Супро<sup>==</sup> за







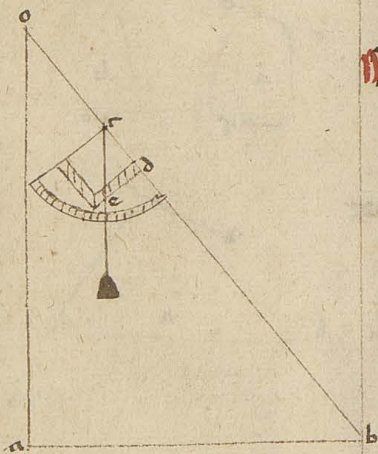






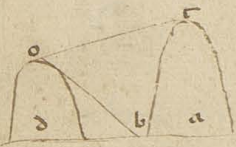


talif est pporo statue tue ad logitudo plani h est talif e pporo distancie it orlin  
 tuu z plana pedis ad logitudo it pede tuu z ity b vifu ut si pucta q abndit  
 igla sit z q qz sexta ps de 12 statua tua e pporo ps plani z sic planu effit  
 sextus ta logitudo tu es altu ab oculo ad plana pedis **¶** pba sic Est ab plani  
 o oculi z hiee astrola p ordiate pd d3 esse z la o b sit mdu vifual q fipit  
 p abo forma pmar tablar z d3 astrola pucta vbre q abndit igla  
**¶** hiee pporo duos similes s similia o ab z tan h d3 quos duo esse eiles  
 si eanglos qz an h a e r q z an h d e r q go eiles z angls d3 e eiles  
 anlo b qz p roaltu d3 las rd z ab eadistat **¶** Et ead roe an h r g d z eil  
 anlo o qz la d3 z o a p eadistates z an h r g d z an h o p roaltu go  
 eiles z p tan h p eangli lata equos anglos rppinera p pporo p pporo  
 go qz est pporo g d q p pucta q igla abndit ad d r q pporo 12 m e  
 pporo o a q est statua tua ad a b q est logitudo plani si pporo g d ad d r e  
 nota qz utiqz hiee nota go pporo o a ad ab eit no qz ead3 si o a est nota  
 go p r qz pporo ab eit no q est logitudo plani qd eit pporo



**¶** Plani cuius tū videz tu quadrate logitudiez menzure  
 hiee planu a b m h q b v r pporo quadrate z rppinera tan b p abo forma pmar  
 tablar pporo cono qd d3 ubi est rppinera flā pporo rppinera tan b p abo forma pmar  
 pucta vbre rre abndit pporo q qpa ad 12 z qz est pporo illoz puctoz  
 q abndit pporo ad 12 talif e pporo statue tue ad logitudo plani qd p qz  
 rppinera p uolo duo similes s tan h o ab z tan h r d e qz duo esse eanglos qz  
 an h a e r q z d r q go eiles z an h d e r e eil anlo o qz ob z ad p eadistates  
 z eis pporo la re go an h d e r e eiles anlo erb z an h erb e eiles anlo  
 o qz la re z o a p eadistates z eis pporo la ob go p r qz pporo 12 p an h  
 erb e eiles anlo o qz r e an h qd d3 z o r h **¶** hiee p qz pporo ead3 vbi  
 z ead3 p eilia rre p eilia eil an h o z an h d e r e eiles i utiqz p eiles  
 anlo erb go p r qz pporo 12 p an h d e r e eiles anlo b si p tan h p eadistates  
 lata p pporo r eiles e pporo e d q p pucta vbre rre ad d r q pporo 12  
 talif est pporo o a q est statua tua ad a b q est logitudo plani si p a e nota  
 qz utiqz la e nota go z r a z la o a est nota go ab eit nota qd fuit rre

**¶** Quazcūqz duar rez distancū oculo exēte a latere z utiqz  
 vidente distanciaz invenire **¶** Oculi a latere exēte dicitur quod non est  
 t ead3 rā linea cu illis duar rēqz vifp Est a z b due rē distanciaz si p  
 motu p msta p qāqz alie rē p vna p alia z alia bāqz ut qāqz alie  
 p hūit ead3 distanciaz it utiqz ead3 p pporo dū ampe vna tablar  
 plana q dēfuit vifu ad utiqz rē vifu z p tabla r d e f p q pporo oculu  
 t medio vnu latit tabla z vide a z p oclū i pucto e z nota ubi rāqz v  
 pualis rēfuit latit pporo z p puctu g z ity oclū qōite r o vifp b z nota  
 ubi rāqz rēfuit latit pporo z p puctu h dū pporo duar las rāqz q  
 p d e g z e h z qz h e o a z o b p note eit pporo ead3 nota hiee de hiee e  
 z e h abndit duar las p pporo r h pporo p hūit r q p h o a z o b z p  
 ille pporo h o z o t z dū vna rāqz h a pucto h ad puctu t q p h ead3  
 ordiatit vix qz est pporo o h ad hiee talif est pporo o b ad ab h pporo o h  
 ad hiee eit no go pporo o a ad ab eit no qz ead3 z o a ead3 go ab eit no  
 q est distanciaz it ab z b pporo pba qz la hiee pporo duo latit tan h o ab  
 pporo talif r ipa p r qz pporo z ead3 similes latit ab qōd rppinera duos similes  
 que p oab z oclū qz duo eanglos qz la hiee z ab p eadistates eit an h o h  
 eiles anlo a z o h eiles anlo b z an h o z qz utiqz go lata eiles anlos rppinera  
 p pporo r eiles est pporo o h ad hiee talif e pporo o b ad ab qd fuit pba dū



**¶** Longitudiez apertū rāqz motis rāqz pēs z rāqz vident ab oculo ex  
 istente in aliquo monte menzure **¶** Est nōs a rāqz pēs b z rāqz r  
 vident ab oculo qōite d mote d pue pēd3 p tūgāt p p pōge distanciaz  
 p eiles p rēqz ead3 las ot p rāqz h q z la q ob p q z pporo hiee la q  
 o b q est logitudo apertū p dū lineaz rāqz **¶** In plano t vident pēd3 z  
**¶** Logitudiez cuius vis motis oculo exēte rāqz invenire ead3 dis  
 tanciaz ab oculo ad pēd3 p pūa z rāqz h q z d pporo ab oculo ad mār pōq  
 z p 10 qz hiee pporo







inequalitas naturae reflexionis non immutat ipsam quodlibet supposita ymaginem  
duos triangulos quod unus est nisi pedes altitudinis et perinde et radium interius alius  
est tamquam distantie oculi ad platum pedis et distantie infra platum pedis et per punctum  
et per se in radio reflexionis. Quos triangulos quodlibet ex eisdem quod angulus b est rectus et angulus  
c est rectus 50 eisdem et angulus a sit est eisdem angulo g f c quod angulus a sit est angulus interius et g f c  
et angulus reflexionis 50 ipsi sunt eisdem per quodlibet per punctum suppositum 50 per 32<sup>am</sup> per angulum  
g et eisdem angulo a sit per triangulum sit eisdem latera sit proportionalia 50 quilibet est proportionale f ad  
c g talis est f b ad b a quod recte **¶** diculantez erecte super plano cuius summi

Altitudines rei vise ppen tas i ti9 infior vident cu qdnte mepiare

[illegible][illegible]

Altitudines quatuor rei vise usque ad locum perpendicularitatis subsistentes

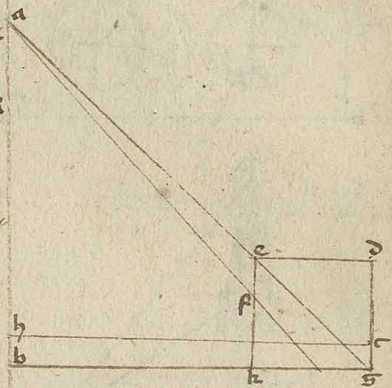
etiam loco nō viso ac etiam distantia a loco nō viso invenire usq[ue]  
ad oculū ac totaz q[ui]titatez h[ab]ere itē ab oculo ad rē visā patefacere

ad oculi ac tota quantitate hie ite ad oculo ad te vna p[er]p[etua]  
 Est a is vna p[er]p[etua] vna vna r[ati]o note q[ui]ntatis q[ui] p[er] r[ati]o b[et] a[et] eis eise p[er]p[etua]  
 p[er]p[etua] plano it[er] te z re vna q[ui] p[er] no h[ab]et p[er]p[etua] d[icitu]r p[er]p[etua] e[st] d[icitu]r o[culu]s f[aci]t cu[m]  
 v[er]o pone vna vna n[on] vna appere p[er]p[etua] q[ui] eise p[er]p[etua] d[icitu]r vna h[ab]et z pone  
 oculu[m] ad f[aci]a z vide cu[m] vno oculo p[er]p[etua]t[em] n[on] v[er]o p[er] p[er]p[etua]t[em] v[er]o r[ati]o b[et] z nota  
 locu[m] oculi q[ui] videt illa p[er]p[etua]t[em] z p[er] p[er]p[etua] d[icitu]r d[icitu]r v[er]o h[ab]et p[er]p[etua] vna n[on]  
 p[er]p[etua] z accipe alia vna r[ati]o e[st] q[ui] v[er]o r[ati]o b[et] q[ui] eise p[er]p[etua] e[st] plano z p[er]  
 vna g[ra]f[ia] z it[er] pone ocula ad f[aci]a z p[er] p[er]p[etua]t[em] v[er]o g[ra]f[ia] v[er]o p[er]p[etua]t[em] n[on] v[er]o  
 z n[on] locu[m] ubi f[aci]t ocl[us] q[ui] p[er] h[ab]et p[er]p[etua]t[em] v[er]o q[ui] eise p[er]p[etua]t[em] f[aci]t ad d[icitu]r  
 talis q[ui] p[er]p[etua]t[em] h[ab]et q[ui] eise loq[ui] p[er]p[etua]t[em] p[er]p[etua]t[em] i[tem] a ad d[icitu]r f[aci]t p[er]p[etua]t[em] h[ab]et ad d[icitu]r  
 z n[on] q[ui] utiq[ue] n[on] g[ra]f[ia] p[er]p[etua]t[em] h[ab]et ad d[icitu]r eise n[on] q[ui] eise z p[er]p[etua]t[em] d[icitu]r d[icitu]r g[ra]f[ia] p[er]  
 z q[ui] p[er]p[etua]t[em] d[icitu]r eise n[on] z tota q[ui]ntatis h[ab]et z n[on] z i[tem] f[aci]t z p[er]p[etua]t[em] z q[ui]ntatis  
 p[er]p[etua]t[em] h[ab]et p[er]p[etua]t[em] p[er]p[etua]t[em] p[er]p[etua]t[em] v[er]o q[ui] eise p[er]p[etua]t[em] h[ab]et ad f[aci]t talis z h[ab]et ad ea  
 f[aci]t p[er]p[etua]t[em] h[ab]et ad f[aci]t z n[on] q[ui] utiq[ue] n[on] g[ra]f[ia] p[er]p[etua]t[em] h[ab]et ad ea eise nota f[aci]t h[ab]et z nota  
 ut p[er]p[etua]t[em] z g[ra]f[ia] eise n[on] p[er]p[etua]t[em] z hor f[aci]t p[er]p[etua]t[em] p[er]p[etua]t[em] p[er]p[etua]t[em] p[er]p[etua]t[em] q[ui] eise  
 vna t[er]m[inu]s v[er]o t[er]m[inu]s p[er]p[etua]t[em] t[er]m[inu]s h[ab]et cu[m] duo lat[er]a q[ui] p[er] h[ab]et z ea p[er]p[etua]t[em] n[on] d[icitu]r z q[ui]ntatis



[illegible]

20 **Item** qd' pponit pcedes cu' instr'o gnomonio t' vnicaz staco' scien-  
tiente. **Aut** a altitudo vna **Erige** iustum suum d' e' g' h' sup' plano ppe-  
t' e' q' d' p'at' o'zoti t' p'ot' oculis t'ra t' p'uncto oppoito altitudo q' e' p'unctu' s' t' vno  
a d' t' radiu' visual' t'f'f'amb' latu' qd' e' v'p' altit' qd' e' latu' e' h' v'p' t' p'p'oni  
e' n' t'f'f'amb' latu' ed' **Quis** p'at' p'mo latu' e' h' t' p'uncto f' qd' p'unctu' f' uota diliget  
p'ga elena oculu' v'p' d' t' d'iu q' radiu' t'f'f'ant p' conu' e' t' uota b' l' locu' ubi stat  
orl' t' late d'g q' p' p'unctu' e' **Quib'** factis v'ide q'lis e' p'por' f' h' ad e' d' tal' e' b'a  
p' distancie t' p'mu' t' v'p' t' p'unctu' p'p'at' p'p'at' ad h'a p'g'at' l'a ch' e' d'is-  
tancie o'zoti p' h' e' g' b' f' p'por' f' h' ad e' d' e' n'o q' v'p' l'a n'o g'o p'por' b'a ad h' e' t'  
n'o t' q'q'p' h' b' uota q' e' e' l'is e' g' s'o p' r'ay p'p'at' h'a e' t' n'o t' tota b'a n'o t'  
illud e' p'mu' q'p'at' **Item** h' e' p' p'at' v'ide q'lis e' p'por' f' h' ad h' g' tal' e' ab  
ad h' g' u'o p'por' f' h' ad h' g' e' n'o q' v'p' n'o g'o p'por' ab ad h' b' e' t' n'o t' ab e' t'  
n'o g'o b' g' e' t' n'o qd' fuit r'ay p'p'at' **Item** p' h' e' b'is p' d' alibi d'iu e' d'iu' a b'  
t' p' quadrat' t' b' g' t' p' q'drate t' e' t' ad d'as adu'it' t' p'ducti accipe m'die t'  
q'oluit ag' **Item** d' cray p' f' i' m'itudo t'p' t' f' r'icudo d'ias p'mos t' t' u' e' e' d'ie  
oparo p' d' p'ate q' latu' t'p' qd' i'p'p'at' altit' o'io p'one' l'oro v'ge r'e' a'is p'bat'  
p' q' q'lis e' p'por' f' h' ad e' d' talis e' b'a ad h'a qd' p'bat' p'g'at' ubi p'mo d'uos t'm'los  
p' t'm'lu' e' d' t' r'ha q' f' e' q'ant' q' au' h'a e' t' r'ay t' h' e' t' r'ay t' au' h' d' e' e' l'is au' b'a q'  
f' q' f' p'p'at' t' d' d'ias h'as e' d'is'at' q' f' h'a t' d' q' p'me' l'a' ac' g'o p'p'at' p' t' r'ay p'  
p' au' los o'f' e' e' l'is t' p' r'ay p'p'at' t' e' d' p' au' h' arch' e' e' l'is au' lo' e' d' e' d' p' q' h'  
e' h' t' d'is' e' d'is'at' t' e' p' p'me' l'a' e' d' p' e' d'ie r'ay au' h' p' e' l'is t' p' e' d'ie q' l' e'  
p'por' e' d' ad d' e' tal' e' ch' ad h'a g'o p'mu' p' i'om' q' q'lis e' p'por' e' d' ad ch' tal' e'  
d' ad h'a q' h' p'p'at' alios d'uos t'm'los q' f' g' b'a t' g' h' q' f' e' q'ant' n' b' p' t' r'ay  
t' h' r'ay t' f' g' h' q' f' u'p' t' q'lis e' p'por' g' h' ad h'f' talis e' g' b' ad b'a g'o p'mu' q'  
e' p' g' h' ad g' b' tal' e' b'a ad h'f' t' e' q'lis e' e' d' ad ch' tal' e' g' b' ad g' b' q' d' e' e' l'is  
g' h' t' ch' e' l'is g' b' f' q'lis e' d' e' ad ch' talis e' d' ad h'a t' q'lis e' g' h' ad g' b' tal' e' d' e'  
ad h'a t' q'lis e' g' h' ad g' b' tal' e' h'f' ad b'a g'o p'mu' q'lis e' h'f' ad e' d' talis e' b'a  
ad h'a qd' fuit au' p'p'at' **Item** q' d' o' q' q' d' o' e' t' al' q' l'is t' t'inta Sit q' d' h' latu'  
i'p'p'at' n' p'edu' n' d'ig'at' t' h' a' f' h' g' t' e' d' a' t' e' g' i' m'ad'it' q' m'o d' ad a' e' p'por' p'p'at'  
t' b'a ad h' e' t' p'por' p'p'at' t' b'a q' h'a t' e' a' p' p'at' t' b' h' e' a' p' p'at' h'a t' b' h' e' q'  
p'edu' q' e' e' l'is e' g' g'o h'a e' p'p'at' q' p'edu' m'o p'p'at' q' p' t' r'ay p' h'a e' t' p' p'edu'  
au' add'is q' p' g' q'p'at' b' h' t' e' t' b'a g'o p'edu' t' p' h' e' b'is p' m' m'as t' u' e' q'lis e' p'por'  
f' h' ad h' g' talis e' t' ab ad h' g' t' f' h' e' g' t' h' g' n' e' t' f' h' ad h' g' p'por' p'por' p'p'at'  
t' ab ad h' g' q' p'por' p'p'at' t' ab e' g'o p'edu' g'o b' g' e' g'o p'edu' t' g'a n' e' al' q' h'  
m'it' **Item** v'ide radiu' t'f'f'ant p' conu' e' op' hor' p'at' q' altitudo e' e' l'is l'og'itudo t' p'ate  
e' t' m'oz q' t'm'lu' ab g' t' g' e' d' p' e' q'ant' cu' d' t' b' p' t' r'ay t' a' t' s' r'oalt' m' t' h' e' q' d'is'at'  
p' ab t' d' g' g'o q'lis e' p'por' e' d' ad d' g' tal' e' p'por' g' b' ad b'a t' e' d' e' l'is d' g' g'o g' b'  
e' t' e' l'is b'a **Item** p' p'at' distancie t' t' e' t' p'mu' t' v'p' t' p'unctu' p'p'at' ad h'a p'g'at' l'a ch' e' d'is-  
tancie o'zoti p' h' e' g' b' f' p'por' f' h' ad e' d' e' n'o q' v'p' l'a n'o g'o p'por' b'a ad h' e' t'  
illud e' p'mu' q'p'at' **Item** h' e' p' p'at' v'ide q'lis e' p'por' f' h' ad h' g' tal' e' ab  
ad h' g' u'o p'por' f' h' ad h' g' e' n'o q' v'p' n'o g'o p'por' ab ad h' b' e' t' n'o t' ab e' t'  
n'o g'o b' g' e' t' n'o qd' fuit r'ay p'p'at' **Item** p' h' e' b'is p' d' alibi d'iu e' d'iu' a b'  
t' p' quadrat' t' b' g' t' p' q'drate t' e' t' ad d'as adu'it' t' p'ducti accipe m'die t'  
q'oluit ag' **Item** d' cray p' f' i' m'itudo t'p' t' f' r'icudo d'ias p'mos t' t' u' e' e' d'ie  
oparo p' d' p'ate q' latu' t'p' qd' i'p'p'at' altit' o'io p'one' l'oro v'ge r'e' a'is p'bat'  
p' q' q'lis e' p'por' f' h' ad e' d' talis e' b'a ad h'a qd' p'bat' p'g'at' ubi p'mo d'uos t'm'los  
p' t'm'lu' e' d' t' r'ha q' f' e' q'ant' q' au' h'a e' t' r'ay t' h' e' t' r'ay t' au' h' d' e' e' l'is au' b'a q'  
f' q' f' p'p'at' t' d' d'ias h'as e' d'is'at' q' f' h'a t' d' q' p'me' l'a' ac' g'o p'p'at' p' t' r'ay p'  
p' au' los o'f' e' e' l'is t' p' r'ay p'p'at' t' e' d' p' au' h' arch' e' e' l'is au' lo' e' d' e' d' p' q' h'  
e' h' t' d'is' e' d'is'at' t' e' p' p'me' l'a' e' d' p' e' d'ie r'ay au' h' p' e' l'is t' p' e' d'ie q' l' e'  
p'por' e' d' ad d' e' tal' e' ch' ad h'a g'o p'mu' p' i'om' q' q'lis e' p'por' e' d' ad ch' tal' e'  
d' ad h'a q' h' p'p'at' alios d'uos t'm'los q' f' g' b'a t' g' h' q' f' e' q'ant' n' b' p' t' r'ay  
t' h' r'ay t' f' g' h' q' f' u'p' t' q'lis e' p'por' g' h' ad h'f' talis e' g' b' ad b'a g'o p'mu' q'  
e' p' g' h' ad g' b' tal' e' b'a ad h'f' t' e' q'lis e' e' d' ad ch' tal' e' g' b' ad g' b' q' d' e' e' l'is  
g' h' t' ch' e' l'is g' b' f' q'lis e' d' e' ad ch' talis e' d' ad h'a t' q'lis e' g' h' ad g' b' tal' e' d' e'  
ad h'a t' q'lis e' g' h' ad g' b' tal' e' h'f' ad b'a g'o p'mu' q'lis e' h'f' ad e' d' talis e' b'a  
ad h'a qd' fuit au' p'p'at' **Item** q' d' o' q' q' d' o' e' t' al' q' l'is t' t'inta Sit q' d' h' latu'  
i'p'p'at' n' p'edu' n' d'ig'at' t' h' a' f' h' g' t' e' d' a' t' e' g' i' m'ad'it' q' m'o d' ad a' e' p'por' p'p'at'  
t' b'a ad h' e' t' p'por' p'p'at' t' b'a q' h'a t' e' a' p' p'at' t' b' h' e' a' p' p'at' h'a t' b' h' e' q'  
p'edu' q' e' e' l'is e' g' g'o h'a e' p'p'at' q' p'edu' m'o p'p'at' q' p' t' r'ay p' h'a e' t' p' p'edu'  
au' add'is q' p' g' q'p'at' b' h' t' e' t' b'a g'o p'edu' t' p' h' e' b'is p' m' m'as t' u' e' q'lis e' p'por'  
f' h' ad h' g' talis e' t' ab ad h' g' t' f' h' e' g' t' h' g' n' e' t' f' h' ad h' g' p'por' p'por' p'p'at'  
t' ab ad h' g' q' p'por' p'p'at' t' ab e' g'o p'edu' g'o b' g' e' g'o p'edu' t' g'a n' e' al' q' h'  
m'it' **Item** v'ide radiu' t'f'f'ant p' conu' e' op' hor' p'at' q' altitudo e' e' l'is l'og'itudo t' p'ate  
e' t' m'oz q' t'm'lu' ab g' t' g' e' d'

[illegible]















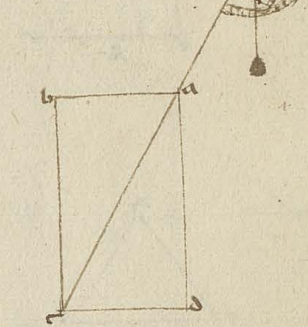
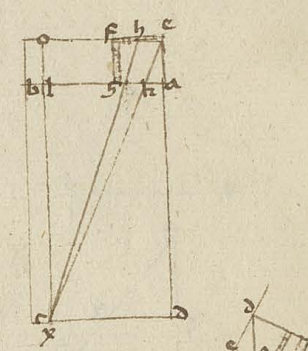
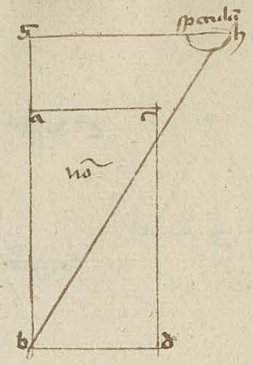
of putei et tū dū mone oculū q' i p'p'lo videt tū b' z nō loni oclū q' p' f' dū  
q're i v'ga d' e p'uti ubi l' v'caus ab oclū m'et p'ed' q' p' g' p' h' ordiatif  
vide q'lip est p'p'or' g'h ad g'f tal' e h'd ad d'b i p'p'or' g'h ad g'f e nō q'z utq' nō  
g'o i p'p'or' h'd ad d'b e' nō s' h'd e' nō g'o d'b e' nō a' q' s' b' n'he ad i' m'ad'it  
a b p'f'id'it' p'utei aūp' app' q'z f'au' d'h b' i h's f' p' e'q'au' q'z d' e' r'g' i' s' r'g' i' z  
aūp' d'h b' e' aūp' r'ad'it' e' h's f' e' aūp' r'flex'io' q' p' q'cl' p'p'it' p'p'it' a' z  
i'ca h'g' p' e'q'le' g'o aūp' p' e' e'lip aūp' b' p'uti ad g' ad q' v'caus l' a' p'uto p'ad'e  
p'p'ed' p' r'ad'it' p'p'it' v'ca' ad p'p'it' a' z illo q' p' p' h'eb'at nō p'uti h' i' m'  
illo p'p'lo nō aliq' p'uti h' e' aliq' p'uti n'ad' p'uti i' tū dū mone p'p'it' i' h'  
de q' v'caus i' p'uti i' m' q' r'ad'it' v'p'it' i' r'e' t'p'it' p' e' n'ā ille e' lom' q'p'it' q'z  
r'ad'it' v'p'it' aūp' i' r'e' p'p' illo p'uti p'p'it' d'it' i' t'p'it' e' s'it a b c d p'p'it'

**3<sup>a</sup>** **U**dem quod p'p'it' p'p'ed' cū gnomōico m'it' t'p'it' i' t'p'it' i' p'p'it' x o t' z  
nō e' t'ura p' ille t'p'it' nō e' q'z p'it' d' l'at' q'z p'p'it' i' t'p'it' q'cl' q'z tal' t'p'it' nō p'  
p'it' v'ca' z e' h'it' nō o'p'it' q're d'iamet'z o'p'it' p'utei **A**ūp' i' t'p'it' q'z p' r' a e f s' z  
i'p'it' e'ig' p'p'it' p'p'it' o'p'it' p'utei ubi n'g' q'p'it' z p'one oclū i' r'one e' z v'ca' x  
z nō ubi r'ad'it' t'p'it' l'at' a'g' q' p' p'uti h' i' t'p'it' p'p'it' oclū i' l'at' e'f' z tū dū  
mone oclū q' r'ad'it' t'p'it' p' r'one g' v'ca' x z nō ubi p'it' oclū i' l'at' e'f' i' t'p'it' q'  
p'it' h' **C**ū p'p'it' l'at' e'g' p'p'it' d'it' i' t'p'it' nō p'uti ul' ad aliq' l'at' e'f' i' t'p'it' q'  
t'p'it' i' v'ca' l'at' i' t'p'it' e'g' d'it' i' t'p'it' l'at' a'g' q' p' l'at' e'f' z l'at' e'f' i' t'p'it' q'  
q'z a p'uti x p'p'it' v'ca' l'at' e'f' z e'g' d'it' i' t'p'it' l'at' e'f' q' p' x o z l'at' e'f' i' t'p'it' p'  
t'p'it' ad o' aūp' i' t'p'it' v'ca' e'lip e'f' p'p'it' a'k ad h'f' tal' e' p'p'it' e'o ad h'o z p'p'it'  
a h' ad h'f' e' nō q'z utq' nō i' p'p'it' e'o ad h'o e' nō z e'p'it' e' h' z nōt' g'o t'p'it' l'at'  
h'o e' nō z e' e'o d'it' v'ca' e'lip e'f' p'p'it' h'f' ad f'g' tal' e'f' h'o ad o'x z p'p'it' h'f'  
ad f'g' e' nō g'o p'p'it' h'o ad o'x e' nō s' h'o e' nō g'o o'x e' nō a' q' s' b' n'he l'at'  
f'g' q' e'f' l'at' i' t'p'it' z r'ad'it' l'at' e'f' p'p'it' p'utei nō d'ed'it' h'g' q'cl' v'ca' d'  
f'it' e'f' p' p'p'it' d'ed'it' i' t'p'it' q'z t'p'it' e'at' z e'x d' p' e'q'au' z e' t'p'it' h'f' z h'o x z  
i' t'p'it' p' e' a' z f'g' e'lip z e' e' d' z o'x e'lip i' t'p'it' nō p'p'it' q' l'at' p'utei p'it' i' t'p'it' p'it'  
i' t'p'it' p' e' a' z f'g' e'lip z e' e' d' z o'x e'lip i' t'p'it' nō p'p'it' q' l'at' p'utei p'it' i' t'p'it' p'it'

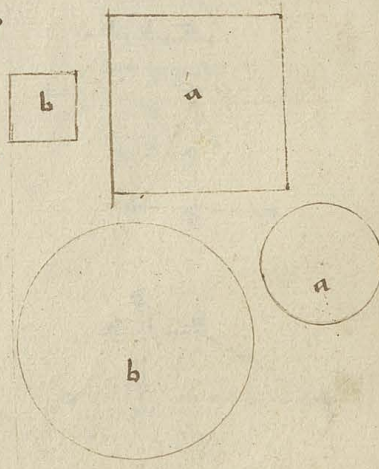
**3<sup>a</sup>** **A**ūp' q' p'p'it' p'p'ed' cū quadrata ul' astrolabio i'v'it' e' **A**ūp' i' t'p'it' q'z p' r' a e f s' z  
e'it' p'utei a b c q'z i' t'p'it' p' r' v'ca' p'p'it' p'p'it' d'it' i' t'p'it' z p'one r'one q' d'it' i' t'p'it'  
ubi e'f' p'it' i' t'p'it' nō p'it' a b o f'at' p'p'it' i' t'p'it' v'ca' z i' t'p'it' p'p'it' ul' i' t'p'it'  
e'it' nō v'ca' e' p'it' v'ca' a' m' t'p'it' o'p'it' p'utei i' t'p'it' d'it' v'ca' q'lip e'f' p'p'it' p'p'it' p'p'it'  
q'z a b p'it' p'p'it' i' t'p'it' q' p' p'uti h' a' f' e' ad l'at' e'f' d' m'it' z p'p'it' d'it' i' t'p'it' o'p'it' p'p'it'  
i' t'p'it' q' e'f' l'at' a b ad p'p'it' p'utei q' e' l'at' b c nō p'p'it' e'f' ad e' d' e' nō g'o p'p'it'  
a b ad b c e' nō s' a b e' nō g'o z b c e' nō aūp' p'p'it' q'z t'p'it' d'ef' z a b c p' e'q'au'  
q'z e' e' r'g' i' z b' r'g' i' z aūp' e'f' z a b c p' r'ad'it' i' t'p'it' e'f' q' p' d'f' z b c i'  
p'p'it' p'p'it' i' t'p'it' p' p'it' p' e'q'le' g'o p' z a'g' p'p'it' z e' e' p'it' aūp' c a b z e'lip aūp' d'f' e' i'  
p' p'it' o' p' p'it' aūp' **A**ūp' v'ca' h'g' astrolabio i' t'p'it' d'it' i' t'p'it' ul' d'ep'it' r'g'ula q' p' a b o  
f'at' p'p'it' p'p'it' p'it' v'ca' a' z c' z v'ca' q'lip e'f' p'p'it' p'p'it' q'z a b p'it' i' t'p'it' r'g'la  
ad i' z t'p'it' e'f' p'p'it' d'iamet'z ad p'p'it' i' t'p'it' p'it' h' b' z d' i' t'p'it' p'p'it' p'p'it'

**A**ūp' i' t'p'it' q'z p' r' a e f s' z  
e'it' p'utei a b c q'z i' t'p'it' p' r' v'ca' p'p'it' p'p'it' d'it' i' t'p'it' z p'one r'one q' d'it' i' t'p'it'  
ubi e'f' p'it' i' t'p'it' nō p'it' a b o f'at' p'p'it' i' t'p'it' v'ca' z i' t'p'it' p'p'it' ul' i' t'p'it'  
e'it' nō v'ca' e' p'it' v'ca' a' m' t'p'it' o'p'it' p'utei i' t'p'it' d'it' v'ca' q'lip e'f' p'p'it' p'p'it' p'p'it'  
q'z a b p'it' p'p'it' i' t'p'it' q' p' p'uti h' a' f' e' ad l'at' e'f' d' m'it' z p'p'it' d'it' i' t'p'it' o'p'it' p'p'it'  
i' t'p'it' q' e'f' l'at' a b ad p'p'it' p'utei q' e' l'at' b c nō p'p'it' e'f' ad e' d' e' nō g'o p'p'it'  
a b ad b c e' nō s' a b e' nō g'o z b c e' nō aūp' p'p'it' q'z t'p'it' d'ef' z a b c p' e'q'au'  
q'z e' e' r'g' i' z b' r'g' i' z aūp' e'f' z a b c p' r'ad'it' i' t'p'it' e'f' q' p' d'f' z b c i'  
p'p'it' p'p'it' i' t'p'it' p' p'it' p' e'q'le' g'o p' z a'g' p'p'it' z e' e' p'it' aūp' c a b z e'lip aūp' d'f' e' i'  
p' p'it' o' p' p'it' aūp' **A**ūp' v'ca' h'g' astrolabio i' t'p'it' d'it' i' t'p'it' ul' d'ep'it' r'g'ula q' p' a b o  
f'at' p'p'it' p'p'it' p'it' v'ca' a' z c' z v'ca' q'lip e'f' p'p'it' p'p'it' q'z a b p'it' i' t'p'it' r'g'la  
ad i' z t'p'it' e'f' p'p'it' d'iamet'z ad p'p'it' i' t'p'it' p'it' h' b' z d' i' t'p'it' p'p'it' p'p'it'

**A**rea figure plane dicit' tota sup'fines que inf' e' t'p'it' ul' t'p'it'  
continetur **A**rea figure graue uel queye dicit' tota sup'fines q'  
tale corpus terminat a pte graua ul' queye **A**ūp' i' t'p'it' q'z p' r' a e f s' z  
a pte queye de area queye ill' p'p'it' z q' q' r'ad'it' area graui e' d' r'ad'it' d' r'ad'it' p'p'it'

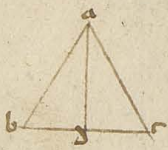


p' a diffinitio



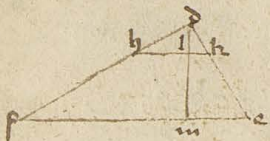
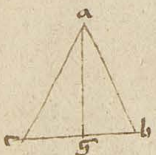
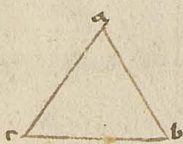
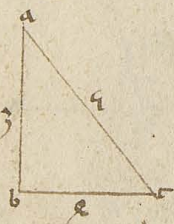
2<sup>a</sup>  
3<sup>a</sup>





2<sup>a</sup> diffio

enippo



**C**atherus in tanglo dicit linea z m q ab aliq anguloz tangli sup  
latus eicez angulo oppositu ppenditularit cadit **h**ac p i fculo a b c  
h a ad m d i t p p e d i t p u p l a t u b c y p a d c a t h e r u s e t p i a s q i f c u l o r e d u l o q t l i b z  
l a t u r e u a n g u l u a b i e r u p p d i c i c a t h e r u s q u a b a n l o a n t o c a d i t p p e p l a t u q t l i b z

**I**ntusencia tui r o l z a d p i a z d i a m e t r e s t t p l a p e s i p e p a u l o r u d  
t i m a u l e o i t a v u m a i f e s t u e t p i d i a m e t r e s n o t a t u s e n e i t n o  
t i m a u l e o i t a v u m a i f e s t u e t p i d i a m e t r e s n o t a t u s e n e i t n o  
n o n e s t a l i q u a e t a p p o r t i o d e m o n s t r a t a n o t i e s t h i c e r r o r p e s i b i l i s p p o q u o l o q u o r  
d i m e n s i o n e a n t i c i q u a d r a t o n o i n f e d o l o q d e m o n s t r a t e s s o l u v o l o d o c e t u e n e  
a n e a m i t a q u a r o r p e s i b i l i s n o i l l u q u a t l e n p p o s t a p i n a p r e p p o s i t c o r r i l a i a p a t s  
p a t e t e n i a p i d i a m e t r e s n o t p l a e q z p d u c t o a d d e a n p r e e o d e d i a t u z h e b i s  
a n t i f e s t u e n o p d i a t e q u a a n t i f e s t u e i t n o t t a d i a m e t r e s s i z a n t i f e s t u e s s i c u i t a  
t t a n t i f e s t u e s i t n o p u b l i c h e a b a n t a z p r e z i p d u c t u z a p p e d i a m e t r e s u t p a n t i f e s t u e  
z n p b r a h e z n p p r e z q e v u d z t u m a n z n m z a p p e q e a n z d i a t u s n e l p r p p d i a t u  
v i s h i c a n t i f e s t u e n u l l u m n u n d i a m e t r e p z n p d u c t u d i d e p a z q u o b i t a n t i f e s t u e u t  
p d i a t z q u o b i t u p z n z h e b i n o q d i d e p a z q u o b i t u n a n t i f e s t u e u t p p a n t i f e s t u e u t  
d i a t u n u l l u m n u n a n t i f e s t u e p a z p d u c t u d i d e p z n z q u o b i t d i a t u t p a n t i f e s t u e p r o t o  
n u l l u m s p a z h e b i e r q d i d e p z n z h e b i s z n u n a n t i f e s t u e z i l l a q u o d d i a m e t r e s

**I**alioz tanli oia latera nota fuerit an sit ortogonuz ampli  
gonuz ul' oxigonuz notu eit **h**ortogonuz d' tanli h i s v u d a n g u l u t a n z p a g d o

**A**mpligonuz d' tanli h i s v u d a n g u l u t a n z p a g d o  
a n g u l o s u t d' p o c u l d i s q u a t t a n l i a b c m o i a l a t i p i n o d u m s q t l i l a t i p e e t e  
z v i d e a n e t a a n l a t i s p t e s t e s a l i o r d u o z l a t i z z p i a n p t a n l i s o r t o g o n u z  
p u l l u m p i o i s p i f a n l o a b c l a t i a b p t z z l a t i b c q z l a t i a c q d u r z p e  
q u a d r a t e d i r e c t o t a n t a p e q z e p e z p e i o z q t e z p e z n a d d e d u o e t a m o d a p l'  
q u i m a n z a l i q u o a l i o r n o d z q u i n u n p p l u s v a l e t e t o z i l a t i s a d d e s o q z  
i o p l' z h e b i s z i t e t a a c v z e t a a b z c b p r i o e t a v u n l a t i s e s s u a n z e t i s  
a l i o r d u o z l a t i u t u d t a n l i q u e s t a p l i g o n u z e t p u l l u l a t i s e t i q u e s t e a m a n z  
e t i p a l i o r d u o z l a t i u t u d t r a n g u l u q u e s t o r t o g o n u z p u t a b c t a n l i q u o i a l a t i

**N**otus oibus latibz tangli r o l z p l e z d e s i g n a e s t n o m p o p e z i n g u s m a s z a  
m o i a l a t i p i n o u l' z p o r t i o s p l i t a l i p p o r t i o s p e h i n t q l i p e h z l a t i a n t a n l i  
z e s q u i n g e a n g u l a t o r z e p o s f a c t u q u e t a n l i p l i s t a n l o a b c q u o l l o r d u o z t a n l o z  
l a t i z p e p e r p u n c t u e s t p p o r m a s o t a n l i q u e t i p p o r t i o z l a t i b z p e e s t p e a n z  
o i p d i f f i o r p l u z p e s i a n t i p u o e s t p o p t a i l l u d u o t a n l i p e p i p e p l e z p  
p l i s p e p p a i m a s d i m e n s i o n e p u t u t p u s t a n l i a b c m o i a l a t i p i n o s o  
q u o r l i d u o z a d d u n t p p o r e i t n o p p a z p i p p o r p i h y t u r m a p i o v u a l a t i  
a l i i l l o r z p l i b i q u i n g e a l i o r l a t i z q u i n g e z d u m n e s t e z o l a t i z i n u n a l i o r  
z a n e s t e z o l a t i z p i l l a e s t l a e s t i s a n l a t i b z t a n l i p l i p u p t s d e s p p a m p i o  
v u a l a t i n u n q p r s h k q d i d e p d d i n e l a d e s p d d o r e t a a o i z q z n l a t i  
t a n l i a b c q l i d u o p l i n u t a p l o g i o s z a p z o q p i z p l e q p d e s p l i s p  
h y q q h e a p d u e p l i n u t e p z a l o g i o s s o z t u z l a t i q p s h k q h d u e p l i p u p t e  
p z a l o g i o s q z p l i t p e h y t u d q e f b g i l l s e s t i b z t a n l i q u i n g e u t d o n z a p i q u i  
p t t a n l i p p q q d i c o p l e z t a n l o a b c u t d e d u n t q e q a o i z p d i f f i o r p l i n g p i p p o

**N**otus oibz lateibz tanli catheru i venie s i t t a n l i a b c m o i a l a t i p i n o z a  
e s t n o t u z p i h u i t d u o l a t i e s t i a u l' t a p o t i s p i p i t i c e o p a i d i d e l a t i z t a s t e p a s t i a  
p i h y t u d u o l a t i e s t i a z m e d i e t e s i l l u l a t i s d u m s p e e t e z v u n a l i o r d u o z l a t i z q u i d  
d u e p e e t e z p b r a h e a n t i m o i e t a n t i f e s t u e z e t a n t i f e s t u e z e t a n t i f e s t u e z e t a n t i f e s t u e  
q z p i f a n l o a b c d u o l a t i q p a b z a c p e e s t i a z l a t i b c z d i p i p e s t i a z p u n c t o s  
p e p s o q p i q a n t i a s b z a s r p e e s t i a z l a t i b c z d i p i p e s t i a z p u n c t o s  
i f a n l o a b c p d i f f i o r m a t h e n e s q p i t n o t u p q z t a n l i a s b z e t a n t i f e s t u e z d u o e n  
l a t i p i n o s l a t i o p p o r t i a n g l o z e d z v u n q u e n t i a n t i m a n z z a n p p e e n o n  
e s t n o t u s e s t o p a n d u p i t a n l i q u e s t e s t a n l i a d u m n z h e t e m a t h e n i t a p p e q u o d z e  
h i q u e t e r r o r p e s i b i l z h d z p u s s i o a d m e p u n d u q u e t i r i p i t e m a t h e n i t a n l o e s t a n t  
e s t n u l l i l a t i z q u i n g e p i n b i l i s e s t i f a n l o d u o z e s t i a l a t i z p o l e z m a t h e n p p i p e u t p  
q d i d u o z e s t i a l a t e z e s t i z t a s t e e s t i t u r m a t h e n e s t e s t i a n t i f e s t u e z e t a n t i f e s t u e p r  
v o l l i t p i t a n l i p i t e s t a n l i a p i q l i p i n g z p r d e s t a n l i q l i m l a t i q t l i z n o t u z p i a s  
q s q u i m a i o r a n t q z e l l e q o p p o r t i o n o i l a t i p i n o p i z p r i l l e a n t i d t e o p a i s  
p r q z d e z d f p i p i t u t n o t e t a n z p p o r z n o d i n z d l a t i b z d e z d f a m p e  
p p e t e d u a s p u a s p o r t o s q l e m z v o l u n t i l l i p p o r t o s p e h i n t q l i p e h z d e z d f  
z p i l l e d h z d h d u e l a t i h h p p a p u n c t o d p u p l a t i h h p o e v u a p o r t o s q p i t  
d l z a n z a l l i g e p i t i n q u i p p r e t l a t i p e z p a n t p u n c t o m z q z h h z f e s t e q  
d i s t a n t z e s p i p u a t d u m z a n t i d l i z n u n e i t a n t i d m e n t p r e p r e z p i

p a g d o

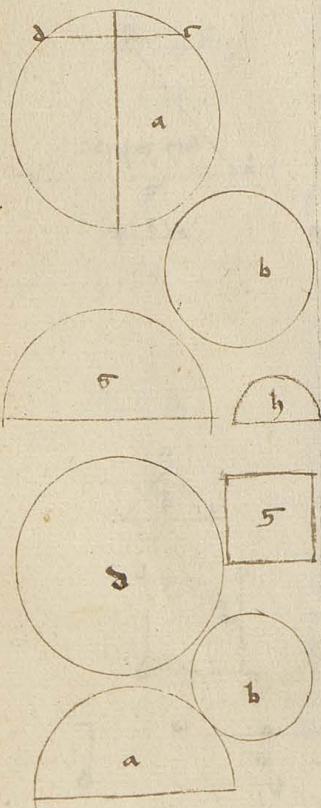
z a

z a







[illegible]

**Q**uadrilatera figure ped n reglaris areaz tuemize **mdt** 7 h<sup>2</sup> area  
 Quadrilatera figura irregularis d<sup>2</sup> eis q<sup>2</sup> d<sup>2</sup> lat<sup>2</sup> figura q<sup>2</sup> no est aliq<sup>2</sup> p<sup>2</sup> d<sup>2</sup> q<sup>2</sup>  
 et alio noie d<sup>2</sup> chunvriata p<sup>2</sup> trapezium **Et** talis figura h<sup>2</sup> duos angulos r<sup>2</sup>os p<sup>2</sup>  
 h<sup>2</sup> abed manguli a 7 c p<sup>2</sup> r<sup>2</sup>u 7 lat<sup>2</sup> b c e mang late ad 7 c lat<sup>2</sup> b d mang late ac  
 d<sup>2</sup>ice a 7 duos tan los p<sup>2</sup> una diamet<sup>2</sup> p<sup>2</sup> d<sup>2</sup> est h<sup>2</sup> a d c 7 illoz duoz tangloz p<sup>2</sup>as  
 areaz p<sup>2</sup> p<sup>2</sup>ret<sup>2</sup> q<sup>2</sup> adde p<sup>2</sup> 7 ag<sup>2</sup>at<sup>2</sup> 2 area i<sup>2</sup>figu<sup>2</sup> et p<sup>2</sup>as q<sup>2</sup> poss<sup>2</sup>et b<sup>2</sup> d<sup>2</sup> d<sup>2</sup>u<sup>2</sup>  
 aliq<sup>2</sup> mod<sup>2</sup> spales p<sup>2</sup> est<sup>2</sup> orig<sup>2</sup>aro **q<sup>2</sup>is** **Platere** ac equiangule areaz m<sup>2</sup>

[illegible]

**M**oto latere figure polygonie equilaterie et equianguile arearum tuere  
 Sit ut prius exagoni ab c d e f m latum unum quod est b c et notum tempore una latus  
 notum qd sit h l et per eam quatuor unum exagonum equilaterum et equianguum ut dicitur in  
 6<sup>o</sup> d<sup>o</sup> vii<sup>o</sup> vix qd est p p o r d h e h l ad latus b c talis est huius prius exagoni ad pagonum  
 ab c d e f p p o r d duplicata p r q p t e 18<sup>o</sup> est **p p a** r i a s q u a e a r e a h u i p r i e x  
 agoni **E** t p r a r g u e p p o r d u n u m e p a g o n i a d a l i u m e n o q d e s i d l a t i s a d l a t u m  
 p p o r d d u p l i c a t a e l a t u m s i n o e t u n u m e p a g o n i u m e n o t u m g o e t a l i q d e n o t u m e o d u n d  
 quatuor arearum p huius pentagonum vel exagonum vel quatuor aliarum figurarum et arguas como

**E**iusque figure polygonie arez tueret. Si talis fā fuit cōlatā t cōtula  
qras area ut pppē ē si vā vā fuit talis dīce ex t fūlos ut p fuit pēngō  
dīce ex t 3f fūlos p d 2 dīp pēngō) a b c d e t illoz fūz fūlos qras areaz  
qz adēpt t p d r m ē area qz qz t p p t pōngō) dīce t eoz fūlos t r p

**C**irculi ppositi pdm datay mensura circulez areaz inuenire. Sit a  
circulus q area qrit fm data mensura circula q sit b ampe diametru utiqz q sit  
inuentus. Proponas rectu circuli duc una liam rray i circulo dato qlituz qlitat  
7 ang applica trisise qo utiqz pte q sit la c d qz dide p oile ut docet r io<sup>a</sup> pi<sup>i</sup>  
7 a puncto dipos duas ppediculas se kay c d qz ut hinc applica trisise q sit gf  
na illa est diametru qz p ray pte pe z y ipa tist p raly 7 applica trisise g  
est diametru p diffioz diametri. **R**eub9 diametru inuentus duc qly i se q date  
7 vide qlis est pporo diametriz 7 tal' est pporo alior p ray<sup>m</sup> ut si diat'  
a eff 6 pedes 7 diat' b 3 etu d e e 30 7 etu d z g mo 30 ad q e pporo  
qdrupta go aty a e g ly ad circulu b. **E**x ista appy qud sciatuly deat inquiri  
sciatulo. **P**ut em sciatuly g 7 mspia sciatulais h mas mpoz diametru 7 vide  
ut pus qlis est pporo etu diatri vni9 ad etu diatri alius tal' 7 pporo sciatli ad  
ad ali9 ut n etu g esset 30 7 etu h e hic g esset uocipulu ad h sciatulu.

**S**emihiali p<sup>o</sup>m dataz mensuraz tularaz areaz inveni<sup>o</sup> sit  
a p<sup>o</sup>itulu z b m<sup>o</sup>pia aili data. **H**anc quadratu diametri a z p<sup>o</sup> dimidia  
diu vide q<sup>o</sup>l q<sup>o</sup> p<sup>o</sup>ro vni mediet<sup>o</sup> z b diati aad diu diati b t<sup>o</sup>l e p<sup>o</sup>ro a ad b  
ut p<sup>o</sup> diu diametri a q<sup>o</sup> z b diu mediet<sup>o</sup> z b diati aad diu diati b q<sup>o</sup> m<sup>o</sup> ad q<sup>o</sup> e p<sup>o</sup>ro  
ut p<sup>o</sup> diu diametri a q<sup>o</sup> z b diu ad m<sup>o</sup>pia aili b. **N**on relinq<sup>o</sup> e<sup>o</sup>roz

**C**irculi scdm dataz mensuraz quadratar sensibiles areaz invenire  
qu ipsi qd qpat circuli ad qm ut ei no possit loq deinde fine qz circuli t  
eti nulla e m pporo dimidata sit circuli a t mensura etas prius illis circuli dya  
metris t inscribitur ut docet t suppo h92 t ipa qlor q diahi arripas me  
diatatis t a medietate inscribere t dur medietes diahi t medietate inscribere  
t pda qz area ut p sadiat fit per pedas t inscribitur dur A t 22 t cit  
142 t pr p g qz p f p pedas circuli en qtuat 142 vici9 scilicet  
**H**oc autem aream invenire t hanc areaz tot9 cili t q aree medietas e area







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2a

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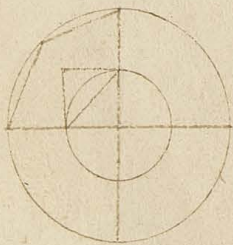
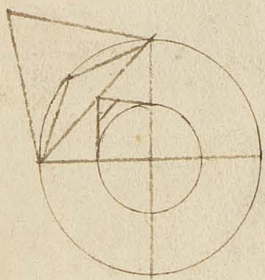
68 vñb9



- 7<sup>a</sup> **Remppere** p<sup>o</sup>m datay mensuray cubitay capacitatez h<sup>o</sup>e aut p<sup>o</sup>e vitatez tuere. **Sunt** et ad anulu uodu e aliq ita p<sup>o</sup>o d<sup>o</sup>uatu p<sup>o</sup> e uer p<sup>o</sup>ere ad corp<sup>o</sup> u<sup>o</sup>u<sup>o</sup>u<sup>o</sup> p<sup>o</sup> i istis p<sup>o</sup>st<sup>o</sup>it h<sup>o</sup>e ita p<sup>o</sup>e q<sup>o</sup> u<sup>o</sup>o r<sup>o</sup>liqua<sup>o</sup> error p<sup>o</sup>st<sup>o</sup>it. Si igit<sup>o</sup> remppere vis h<sup>o</sup>e capantate mas areay oris i<sup>o</sup> p<sup>o</sup>esse q<sup>o</sup> d<sup>o</sup>uans i diat<sup>o</sup> a p<sup>o</sup>ducto p<sup>o</sup>brahe 3<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>duu e capant<sup>o</sup> remppere et i vis h<sup>o</sup>e capantatez tot<sup>o</sup> p<sup>o</sup>e dupla capant<sup>o</sup> p<sup>o</sup>esse i p<sup>o</sup>uact capant<sup>o</sup> tot<sup>o</sup>
- 8<sup>a</sup> **Rotunde colupne** p<sup>o</sup>m datay mensura colupnarez rotunday capacitatez h<sup>o</sup>e. **Sit** a colupna rotunda m<sup>o</sup>sp<sup>o</sup>anda i b p<sup>o</sup>ua colupna que sit m<sup>o</sup>sp<sup>o</sup>ia p<sup>o</sup>as p<sup>o</sup>o quonq<sup>o</sup> area a<sup>o</sup>li b<sup>o</sup>as p<sup>o</sup>ue colupne q<sup>o</sup>u<sup>o</sup> i area a<sup>o</sup>li b<sup>o</sup>as magne p<sup>o</sup> i<sup>o</sup> h<sup>o</sup> p<sup>o</sup>ga mas q<sup>o</sup>u<sup>o</sup> a<sup>o</sup>li p<sup>o</sup>ue q<sup>o</sup>u<sup>o</sup> i altit<sup>o</sup> magne i m<sup>o</sup>z quonq<sup>o</sup> d<sup>o</sup>uans area b<sup>o</sup>as p<sup>o</sup>ue q<sup>o</sup>u<sup>o</sup> i area a<sup>o</sup>li b<sup>o</sup>as magne d<sup>o</sup>uans i m<sup>o</sup>z d<sup>o</sup>uotat<sup>o</sup> quonq<sup>o</sup> a<sup>o</sup>li p<sup>o</sup>ue q<sup>o</sup>u<sup>o</sup> i altit<sup>o</sup> magne i p<sup>o</sup>duu e m<sup>o</sup>z q<sup>o</sup>u<sup>o</sup> p<sup>o</sup>ua colupna q<sup>o</sup>u<sup>o</sup> i magna ut p<sup>o</sup> area a<sup>o</sup>li b<sup>o</sup>as p<sup>o</sup>ue colupne q<sup>o</sup>u<sup>o</sup> i area a<sup>o</sup>li b<sup>o</sup>as magne i altit<sup>o</sup> p<sup>o</sup>ue q<sup>o</sup>u<sup>o</sup> i altit<sup>o</sup> magne d<sup>o</sup>uans i p<sup>o</sup>ter 2<sup>o</sup> d<sup>o</sup>uans i q<sup>o</sup> b<sup>o</sup> 2<sup>o</sup> viab<sup>o</sup> q<sup>o</sup>u<sup>o</sup> i a<sup>o</sup> m<sup>o</sup>sp<sup>o</sup>ura cubitay capacitate
- 9<sup>a</sup> **Rotunde colupne** p<sup>o</sup>m datay inuenire. **Dico** u<sup>o</sup>o r<sup>o</sup>liqua<sup>o</sup> d<sup>o</sup>uans p<sup>o</sup>le. **Sit** a colupna m<sup>o</sup>sp<sup>o</sup>anda p<sup>o</sup>as q<sup>o</sup>u<sup>o</sup> area v<sup>o</sup>u<sup>o</sup> p<sup>o</sup>st<sup>o</sup>it corp<sup>o</sup>is cubici q<sup>o</sup>u<sup>o</sup> i area a<sup>o</sup>li b<sup>o</sup>as p<sup>o</sup>ue colupne p<sup>o</sup> i<sup>o</sup> p<sup>o</sup>ter p<sup>o</sup>ga mas q<sup>o</sup>u<sup>o</sup> a<sup>o</sup>li corp<sup>o</sup>is cubici q<sup>o</sup>u<sup>o</sup> i altit<sup>o</sup> colupne i p<sup>o</sup>ducto est capant<sup>o</sup> p<sup>o</sup>ter datay p<sup>o</sup>raidez
- 10<sup>a</sup> **Rotunde p<sup>o</sup>raidis** capacitatez p<sup>o</sup>m lineay inuenire. **Sunt** p<sup>o</sup>raides rotunde d<sup>o</sup>uans p<sup>o</sup>les q<sup>o</sup>u<sup>o</sup> d<sup>o</sup>uans q<sup>o</sup> p<sup>o</sup> p<sup>o</sup> b<sup>o</sup>as p<sup>o</sup> e<sup>o</sup>les. **Sit** a p<sup>o</sup>raide m<sup>o</sup>sp<sup>o</sup>anda. **Quere** areay a<sup>o</sup>li b<sup>o</sup>as i vide q<sup>o</sup>u<sup>o</sup> area a<sup>o</sup>li b<sup>o</sup>as p<sup>o</sup>ue p<sup>o</sup>raidis i area q<sup>o</sup>u<sup>o</sup> i p<sup>o</sup> illa m<sup>o</sup>z m<sup>o</sup>lt<sup>o</sup> m<sup>o</sup>z p<sup>o</sup> q<sup>o</sup>u<sup>o</sup> a<sup>o</sup>li p<sup>o</sup>ue q<sup>o</sup>u<sup>o</sup> i altit<sup>o</sup> magne i p<sup>o</sup>duu e capant<sup>o</sup> d<sup>o</sup>uans p<sup>o</sup>raidis. **Vol** p<sup>o</sup> vide q<sup>o</sup>u<sup>o</sup> e p<sup>o</sup>o<sup>o</sup> diat<sup>o</sup> b<sup>o</sup>as v<sup>o</sup>u<sup>o</sup> ad diat<sup>o</sup> b<sup>o</sup>as aliq i illa p<sup>o</sup>o<sup>o</sup> sp<sup>o</sup>ica i h<sup>o</sup>eb<sup>o</sup> p<sup>o</sup>o<sup>o</sup> p<sup>o</sup>raidis ad p<sup>o</sup>raide p<sup>o</sup> i<sup>o</sup> i<sup>o</sup> ut p<sup>o</sup> diat<sup>o</sup> b<sup>o</sup>as a<sup>o</sup> eff<sup>o</sup> 2<sup>o</sup> ad diat<sup>o</sup> b<sup>o</sup>as b<sup>o</sup> a<sup>o</sup> eff<sup>o</sup> octuplu ad b<sup>o</sup> i<sup>o</sup> b<sup>o</sup> 8<sup>o</sup> viab<sup>o</sup> q<sup>o</sup>u<sup>o</sup> i a<sup>o</sup>
- 11<sup>a</sup> **Rotunde p<sup>o</sup>raidis** p<sup>o</sup>m datay m<sup>o</sup>sp<sup>o</sup>ura cubitay capacitatez tuere. **Quere** areay a<sup>o</sup>li b<sup>o</sup>as i altit<sup>o</sup> i mas capantatez colupne rotunde q<sup>o</sup>u<sup>o</sup> i p<sup>o</sup> illa b<sup>o</sup>as p<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> p<sup>o</sup>raidis ut d<sup>o</sup>uans 8<sup>o</sup> h<sup>o</sup> i illa capant<sup>o</sup> 3<sup>o</sup> p<sup>o</sup> e capant<sup>o</sup> p<sup>o</sup>raidis q<sup>o</sup>u<sup>o</sup> colupna rotunda p<sup>o</sup>raidis p<sup>o</sup>ue b<sup>o</sup>as sp<sup>o</sup>ica e<sup>o</sup> p<sup>o</sup>u<sup>o</sup> i<sup>o</sup> i<sup>o</sup> i<sup>o</sup>
- 12<sup>a</sup> **Rotunde p<sup>o</sup>raidis** p<sup>o</sup>m datay m<sup>o</sup>sp<sup>o</sup>ura colupnarez rotunday i e<sup>o</sup>on rotunde colupne p<sup>o</sup>m datay m<sup>o</sup>sp<sup>o</sup>ura p<sup>o</sup>raidez rotunday capacitatez tuere. **Si** vis m<sup>o</sup>sp<sup>o</sup>ura p<sup>o</sup>raide rotunda p<sup>o</sup> rotunda colupnarez viday quonq<sup>o</sup> colupna q<sup>o</sup> e m<sup>o</sup>sp<sup>o</sup>ura q<sup>o</sup>u<sup>o</sup> i colupna p<sup>o</sup>raidis m<sup>o</sup>sp<sup>o</sup>ura i e<sup>o</sup> i<sup>o</sup> p<sup>o</sup> e quonq<sup>o</sup> colupna q<sup>o</sup>u<sup>o</sup> i p<sup>o</sup>raide e<sup>o</sup> u<sup>o</sup> p<sup>o</sup> p<sup>o</sup>raidez vis colupna m<sup>o</sup>sp<sup>o</sup>ura mas q<sup>o</sup>u<sup>o</sup> colupna p<sup>o</sup>raidis q<sup>o</sup>u<sup>o</sup> i colupna data i illa m<sup>o</sup>z sp<sup>o</sup>ica i p<sup>o</sup>duu e m<sup>o</sup>z q<sup>o</sup>u<sup>o</sup> p<sup>o</sup>raide q<sup>o</sup>u<sup>o</sup> i colupna e<sup>o</sup> h<sup>o</sup>is q<sup>o</sup>u<sup>o</sup> i p<sup>o</sup> p<sup>o</sup> h<sup>o</sup>is p<sup>o</sup>ter quod p<sup>o</sup>raide capant<sup>o</sup> p<sup>o</sup>ue o<sup>o</sup> i u<sup>o</sup>o<sup>o</sup> e<sup>o</sup> ut p<sup>o</sup>raide u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>raide aliq q<sup>o</sup>u<sup>o</sup> p<sup>o</sup>raide de e<sup>o</sup>
- 13<sup>a</sup> **Putei** p<sup>o</sup>m datay p<sup>o</sup>culay capacitatez tuere. **Quia** p<sup>o</sup>cula q<sup>o</sup>u<sup>o</sup> v<sup>o</sup>u<sup>o</sup> p<sup>o</sup>duu h<sup>o</sup>z m<sup>o</sup>lt<sup>o</sup> alio equa m<sup>o</sup>lt<sup>o</sup> u<sup>o</sup>o<sup>o</sup> ut p<sup>o</sup> diat<sup>o</sup> v<sup>o</sup>u<sup>o</sup> p<sup>o</sup>duu e<sup>o</sup> i altit<sup>o</sup> e<sup>o</sup> adde 6<sup>o</sup> ad 2<sup>o</sup> i p<sup>o</sup>duu p<sup>o</sup>as m<sup>o</sup>lt<sup>o</sup> i h<sup>o</sup>eb<sup>o</sup> p<sup>o</sup>duu q<sup>o</sup>u<sup>o</sup> d<sup>o</sup>uans q<sup>o</sup>u<sup>o</sup> q<sup>o</sup>u<sup>o</sup> i area oris putei p<sup>o</sup> 18<sup>o</sup> i h<sup>o</sup> p<sup>o</sup>ga mas p<sup>o</sup>duu p<sup>o</sup> 3<sup>o</sup> i p<sup>o</sup> h<sup>o</sup> i mas q<sup>o</sup>u<sup>o</sup> a<sup>o</sup>li p<sup>o</sup>uile q<sup>o</sup>u<sup>o</sup> i p<sup>o</sup>duu e<sup>o</sup> m<sup>o</sup>z q<sup>o</sup>u<sup>o</sup> p<sup>o</sup>ter p<sup>o</sup>ga mas m<sup>o</sup>z p<sup>o</sup> i area p<sup>o</sup>duu q<sup>o</sup>u<sup>o</sup> p<sup>o</sup>uile q<sup>o</sup>u<sup>o</sup> i area oris putei q<sup>o</sup>u<sup>o</sup> d<sup>o</sup>uans i m<sup>o</sup>z p<sup>o</sup> q<sup>o</sup>u<sup>o</sup> a<sup>o</sup>li p<sup>o</sup>uile q<sup>o</sup>u<sup>o</sup> i p<sup>o</sup>duu e<sup>o</sup> m<sup>o</sup>z d<sup>o</sup>uans q<sup>o</sup>u<sup>o</sup> p<sup>o</sup>uile q<sup>o</sup>u<sup>o</sup> i area oris putei ut p<sup>o</sup> area q<sup>o</sup>u<sup>o</sup> p<sup>o</sup>duu p<sup>o</sup>uile q<sup>o</sup>u<sup>o</sup> i area oris putei 20<sup>o</sup> viab<sup>o</sup> i altit<sup>o</sup> p<sup>o</sup>uile q<sup>o</sup>u<sup>o</sup> i p<sup>o</sup>duu e<sup>o</sup> m<sup>o</sup>z p<sup>o</sup>ter d<sup>o</sup>uans 20<sup>o</sup> i 100 i p<sup>o</sup> 2000 d<sup>o</sup>uans q<sup>o</sup>u<sup>o</sup> p<sup>o</sup>ter i<sup>o</sup> h<sup>o</sup>z b<sup>o</sup>is m<sup>o</sup>lt<sup>o</sup> p<sup>o</sup>uile a<sup>o</sup> i p<sup>o</sup> u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> p<sup>o</sup>uile q<sup>o</sup>u<sup>o</sup> i area oris putei 20<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 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6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i u<sup>o</sup>o<sup>o</sup> p<sup>o</sup>ter q<sup>o</sup>u<sup>o</sup> u<sup>o</sup>o<sup>o</sup> u<sup>o</sup>o<sup>o</sup> m<sup>o</sup>lt<sup>o</sup> i p<sup>o</sup>ter 2000 tenet 30<sup>o</sup> p<sup>o</sup>ter m<sup>o</sup>lt<sup>o</sup> 30<sup>o</sup> i 2000 i p<sup>o</sup> 6000 i tot<sup>o</sup> p<sup>o</sup>ter i p<sup>o</sup>ter p<sup>o</sup>duu i 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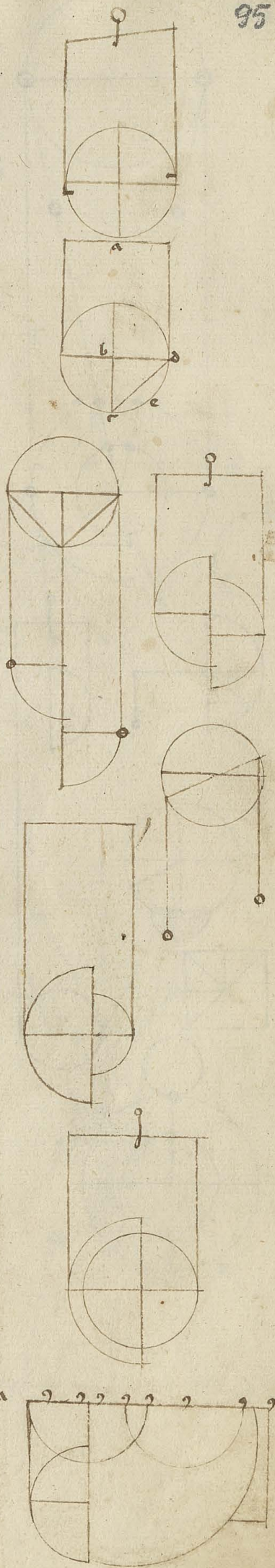
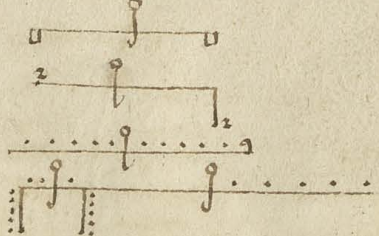


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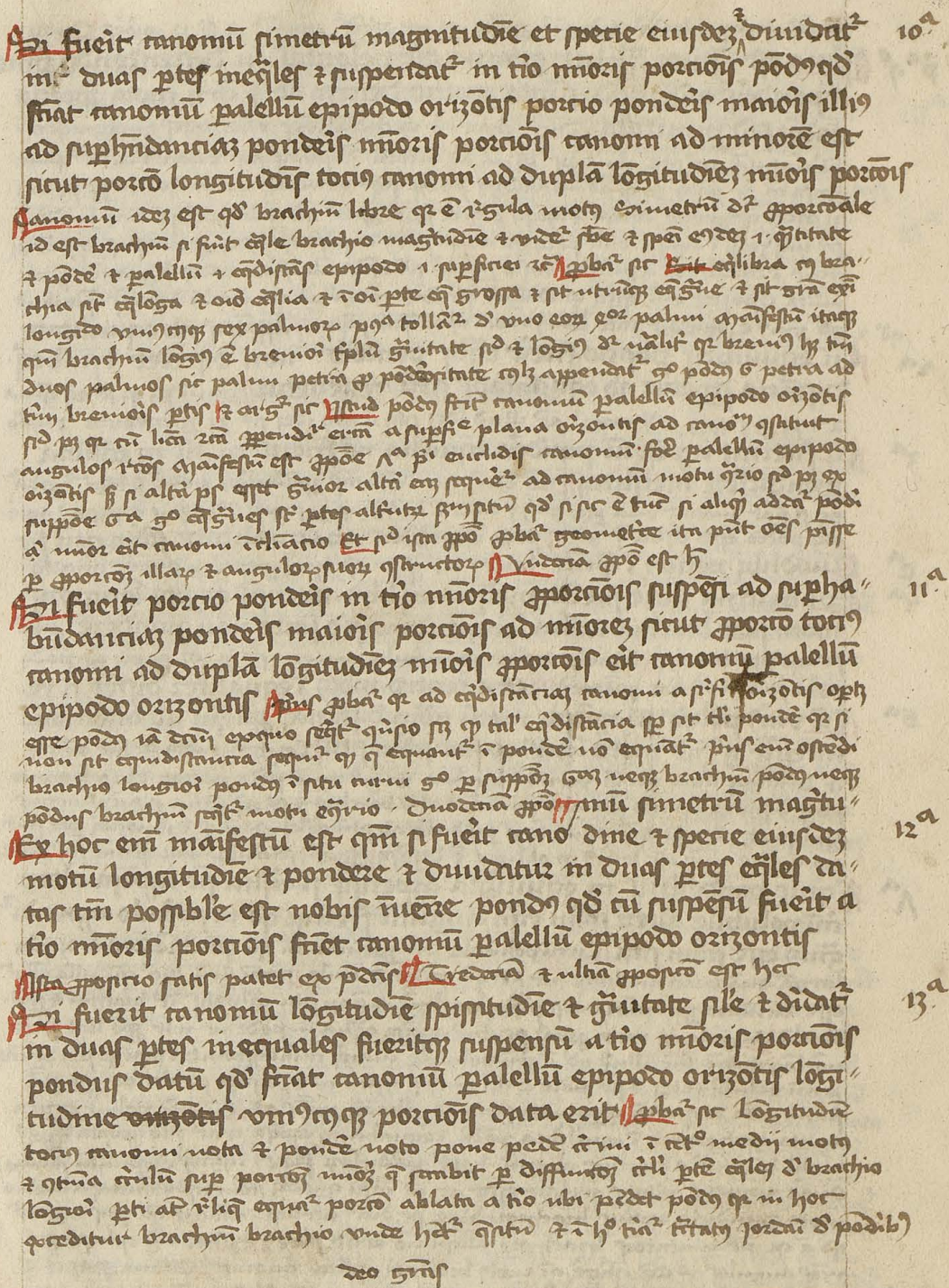


In sua d' ponderibz subalterne tñ geometre qñ phie nali oportet i  
 har sua qdaz geometre alia vñ phie pbat **Primo** oportet pñ qñ bra  
 chy dependendo i libra a sumo i dñu de pñt mliu qñ tñl scidiametaz  
 pñ est equalis brachio tñueth **2º** opt ostēde qñ maior arm eode tñl  
 est mgt armz miorz qñ tñl mior plus armz tñlo maiorz pñu pbat  
 qñ mior d' corda qñ est rñ lē cordaz armz maior qñ mior nō em armz du  
 plo cordaz corda dupla sñ mñ ea **3º** pñ pbat pñ qñ pñu d' tñlo maior tñ mior  
 armz eqles corda armz maiorz tñl **4º** est logior **5º** ex hoc volo ostēde  
 qñ pñ dñ i lib' tñto pñ leuiz qñto plz de pñdit i pñtulo **6º** pñpiat qñ mobile  
 de pñde a pñpno pñtulo i dependat qñtūe dico tñt qñ tñ maior arm tñl plz  
 qñtā rñt hēe qñ mior armz sñ pñtū maiorz plz qñtā tñpū sñt qñ pñ rñt  
 lūetaz sñ debz qñ tñ pñtū mior pñ i qñ maior e violētia i motu pñ armz  
 maior qñ sñ miorz alit em nō sñt motz mgt qñtū cōtñuiz nō i tñtū pñ  
 armz i pñdūmēti pñ qñ mior est sñtūz sñtūz hoc **7º** qñ pñtūat tñl pñ  
 pñ dñt sñtūz sñtūz pñtū i pñtū pñpñ pñtū pñtū pñtū de motu tñt motz  
 pñ tñ sñtūz tñtūz sñ pñtū pñtū mgt qñtū qñtū rñt hñ qñtūat  
 esse plus qñtū i plus hñ violētie **8º** em sñtū de pñdit hoc e a natia sñ qñ  
 pñ hñtū armz hoc e qñ nñz tñtū qñtū de pñtū e mgt ex nali i violēto mgt  
 tñtū ad pñtū tñtū ibi mgt pñtū nñz dñ armz pñ de igne qñ nñtū qñtū  
 de igne em armz i tñtū pñ dñ sñtū i tñtū **9º** pñtū pñtū qñtū plus sñtū  
 pñtū qñtū tñtū mgt hñ de leuētie sñtū pñtū tñtū hñ plz dñ sñtū sñtū sñtū  
 forte aliqñ qñ nō oportet pñtū pñtū sñtū dñtū tñtū pñtū sñtū sñtū  
 pñtū nō esse motū sñtū qñtū tñtū mgt qñtū nñtū **10º** qñtū obitū  
 sñtū pñtū hñtū qñtū sñtū motū tñtū pñtū albediz albedo em i motū nō  
 sñtū nñtū qñtū tñtū qñtū tñtū tñtū qñtū tñtū tñtū pñtū  
 a pñtū pñtū tñtū esse qñtūat tñtū qñtūat pñtū tñtū em tñtū motū  
 tñtū viget totū nñtū tñtū qñtū i motū sñtū i nō potētia sñtū pñtū sñtū  
 oppōitū sñtū i tñtū tñtū tñtū pñtū pñtū pñtū leuē e sñtū pñtū **11º**  
 eode pñtū nñtū est pñtū sñtū esse qñtūat tñtū veloniz de pñde qñtū mōuē  
 i tñtū maior qñtū pñtū pñtū obliqñ tñtū miorz tñtū sñtū hñ violētie  
 tñtū i mgt dñtū de pñtū i tñtū maior a tñtū nali qñtū pñtū hñtū qñtū  
 sñtū i tñtū mior dñtū de pñtū tñtū i plus tñtū ad tñtū armz i tñtū mior  
 ob rñtū oppōitū obliqñ dñtū de pñtū **12º** tñtū vñtū pñtū dñtū est i qñtū eē sñtū  
 pñtū i motū pñtū esse dubitū qñtū eodez pñtū ubi qñtū illa de pñtū qñtū obliqñ  
 pñtū esse de pñtū tñtū pñtū lapiz pñtū tñtū dñtū ad lōm pñtū qñtū  
 pñtū i libra sñtū dñtū ad hñ qñtū vñtū violētie sñtū vñtū qñtū sñtū  
 qñtū mñtū e qñtū motū ad qñtū vñtū eodez em violētia sñtū totū ad qñtū  
 motū tñtū qñtū pñtū expōitū lñtū dñtū forte pñtū lōm qñtū nali dñtū **13º**  
 tñtū motū sñtū pñtū pñtū libz pñtū **14º** dñtū pñtū qñtū pñtū nñtū nō debz  
 pñtū pñtū tñtū qñtū dñtū qñtū indiget pñtū pñtū appebit **15º** sñtū pñtū  
**Prima** est dñtū ponderosi motū esse ad mediu **2º** est hñtū pñtū  
 dñtū sñtū est tñtū veloniz de pñde **3º** sñtū esse i de pñde qñtū eode motū  
 ad mediu tñtū qñtū sñtū pñtū sñtū esse qñtū eodez pñtū mgt obliqñ e de pñtū  
 qñtū obliqñ de pñtū mgt mgt de dñtū **4º** dñtū qñtū sñtū aliud alio  
 sñtū pñtū qñtū de pñtū alitū pñtū modo qñtū **5º** tñtū eqñtū esse qñtū  
 pñtū oñtū **6º** apñtū pñtū pñtū mñtū pñtū pñtū pñtū **7º** tñtū nñtū











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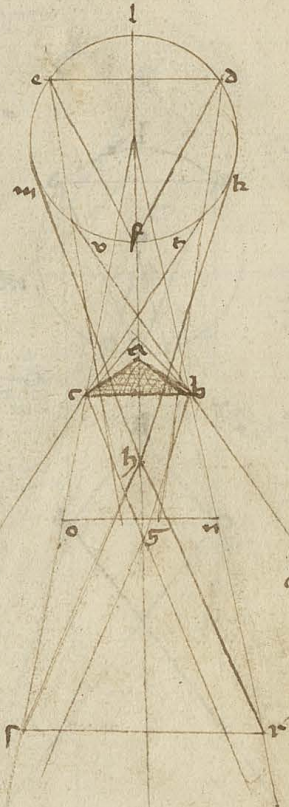
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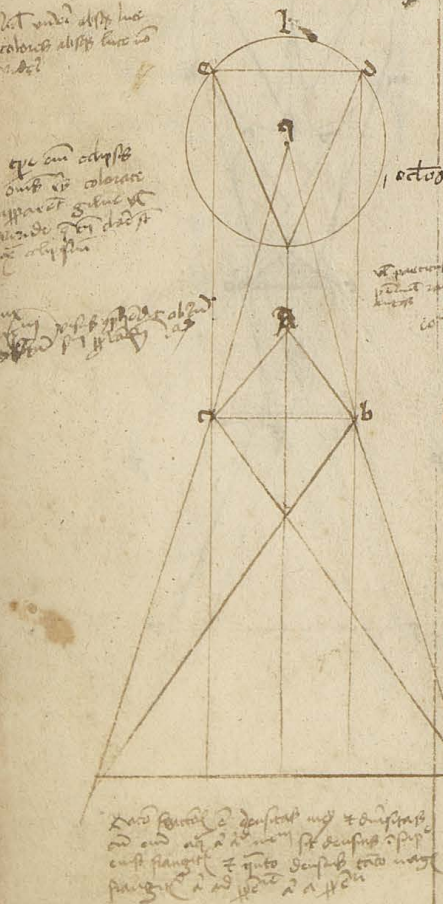
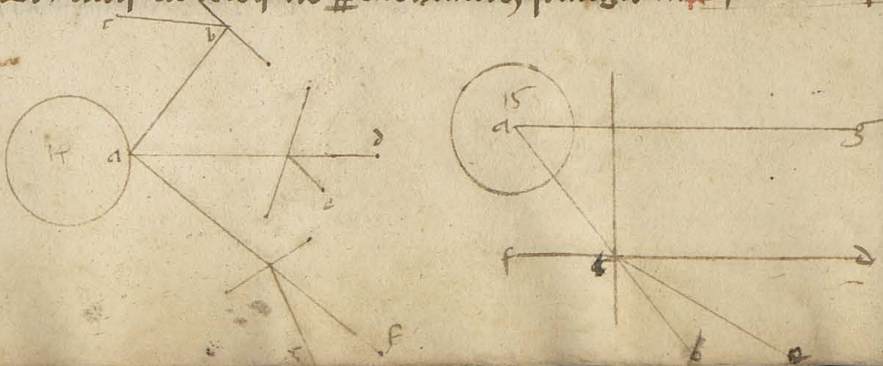
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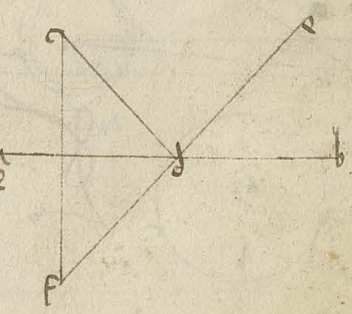




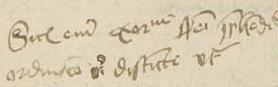






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A geometric diagram on aged paper. It features a triangle with a vertical line segment on the left side, labeled '24'. A horizontal line segment extends from the top vertex of this segment to the right, labeled 'a'. The triangle is formed by this vertical segment, the horizontal segment 'a', and a diagonal line connecting the top of the vertical segment to the rightmost vertex. There are also lines connecting the bottom of the vertical segment to the rightmost vertex, forming a smaller triangle within the larger one.







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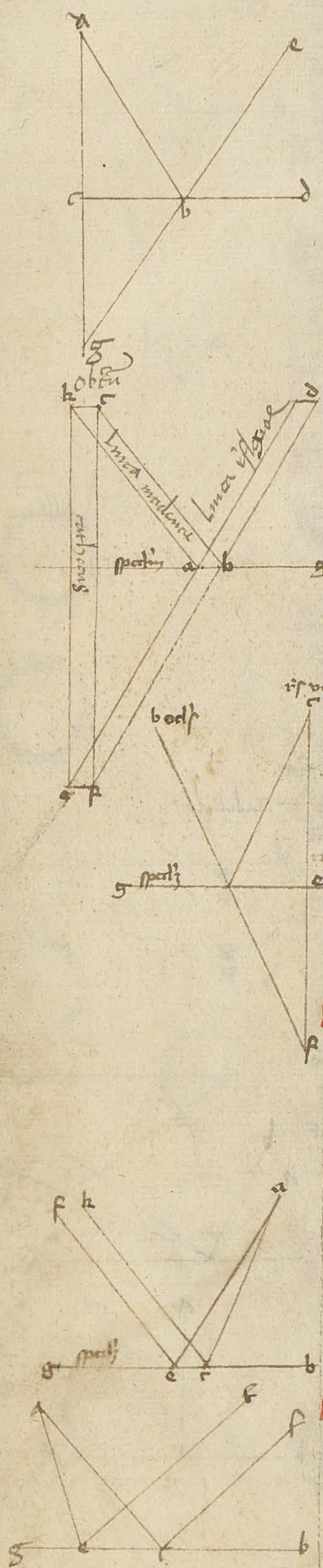
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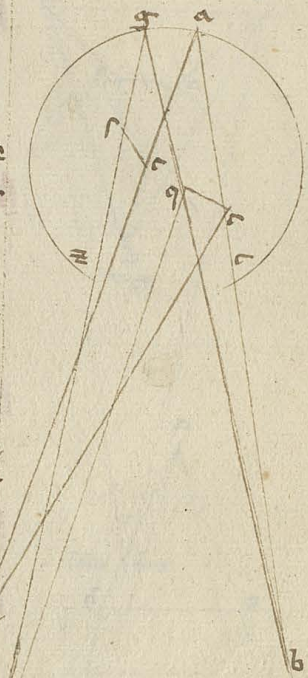
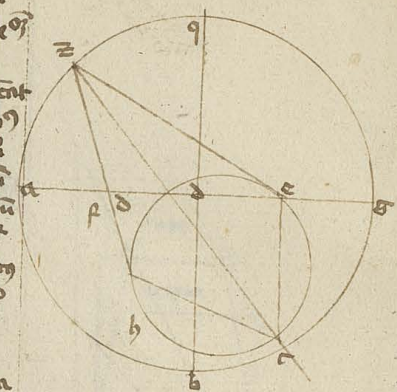








q p p t p o z d m l e h o z r o p l a m e q h o m i o r e q r o m p r a p i q o r e d p u p h o  
m i o r e q p t h z e a d r o e p u a l e o d m d i a g a u l u h p p e l i a g o a u h z l z g z l p t t u l  
p l i q e a d e z e t p o r o c o a d h o p d e m a d h u m q d e t p o l e g o d e x q u o p e s a p u n c t o r p i r e f l e x  
h e e t u d i n o q t r i u t c u d u o p u n c t a r i s v i s i b i l i t e t r i u v i s i t q p a s z p u p q h i g e t d u c t a a  
t i o l e d i d e m u p a g u l u d i a m e t r o u p e l i a  
**26** **I** m p o s s i b i l e e s t i d e z i n s p e c t o d u a s h i c y s i q d u o r a d p m e u t p r e f l e x a p l i b  
p h b p p a l i p o c t i z u t l o m p s i t a l i q z a l i q p d i a p t e r e f l e x i o n a l i q i q z a l i q p l i b  
d i s t a n c i a z m u x t a h p d i a p t e r p m a d p o t i p e r i p d u a s h i c y s i q p d z l p o r h u o p h u s v i  
s p d u o d i a t r p a l i o r t o g o d e r e p a t e s b d q a d g d u m i t u d i a t e d z q d i e n t a n g u l u  
b d g p e l i a z a p u n c t o z h o d i a m e d i o d u a t d u e p p e r e s p d u a s d i a t p m a s s e r h e t z  
t a n h e r d e l t a n d o e d h e t p o r t p o a t h z v i p l e t e r e f l a t e f o r t a p u n c t o e a d h z e i t l o m  
p s i t e q a h e d i s t a t z d d u p t e f l a t p a p u n c t o s i q u i t u l d r z z h d z p e l e s p d p  
f i l i t p o b a t c u d z p t q i s z a u l q t e p o t i a u l g q d q d i p e l i a t h p a t p t u z u o p e  
h i r e f l e x a p l i b p h b p p a l i p d p r e p e r d o d u o r p r e d i c t s l o m a d z e p s i t e s t p  
**27** **I** m p o s s i b i l e e s t i d e z i n s p e c t o q u a n t o t r e s h i c y m a g i e s l e t p e a m p u a t d u o p u n c t a  
d i a p t e r d i a m e t r s q u o r o r i s v u n t e a l i z i p a a l i a n s a p i c q d p b a t a l l i h d u o p u n c t a u  
d e p p a l i q u d e r s p a l s i p e p o r t a u l u p a l i z u o l o r o e i t r e f l e x a b v u o a r e m t u p i r d u o  
p o r t p o t i e r e f l e x a b v u o l o r o a m p t i a n s d i a t a a d u o a a t h b z a l i q a g o r l o r i s  
**28** **I** m p o s s i b i l e e s t i n s p e c t o q u a n t o v m i r i g o r y g i e s a p p e r e l e t p i t p a l i u t p i a b g  
p h b p e d p u a n q d u e d i a t a g q b p t q p e z d i a g a u l u a l l q t e r d p e l i a p u a p u n c t o  
e i d i a t q b g p u s a n s i p e q p u n c t o r t i l l a d d u a s y s i b p p u b a t z a g p u a b e l i s q t  
d u o t q r e f l a t a p u n c t o r z a p u n c t o z z p d p q p h i t s p u p p t h i r e f l a t a d u o p u n c t s  
a l i s v i s a p u n c t o r q o h a p p e d i s q q u i t m u o c u z e e p p a s i p u n c t o q u d z a n h q  
m d u t i u l t i o p e o p h i l i q p d e r e p a s t r i d e d i b a t a l l d e r h q u n d m d z t o z a d i s  
m i o r p o r t m a n o r t d u o r p u n c t s q p u l d u m l e h u n d m e m g r l d z h l g o a u h c l d  
e l i s e t a n d o d h l q u l l a u l m d u t i e l e s a m p t i n s p a l l m i o r s q t e a n d i o e a u l d u m h  
e l e t a n d o d u o g o r p o r t e f l a t a p u n c t o m z a t a g o r h e b i t y m a g i e s p u n c t o d e m c  
**29** **I** n s p e c t i s q u a n t i s r e s c o f u s e z d u b i e a p p a r e p a n d e q u i t e l h i s p a l i s i s  
a p p i t o r d o u l r i t o o r t i v i s a t u o z n a t a m p r e f o r s u p i r z f a c i a l i t o b l i t a t z i d e r q a l i t  
p e h i m e d u b i e z q s i p e m e e s t a p p a r e y n u t e u e r y s a p p a r e h o r e x l i b d s p a l i s  
**30** **I** n s p e c t i s q u a n t i s i s n u t q u e r y s f i l i t d u n a t q u i m d i y t a q p u q u i t z a d  
u o e q a p q u i t i l l a q p i n t q f l u d i a s r a d i o r a p p e r e l e t p u o e x a p p i p d p r i s m d i y  
a b r e f l a t a d e m d i y a p b g a d l e t m d i y t h u e p u n c t o z e q u i t e r q p t p a n o a l i s  
a p p e r e q q e q u i q i t p a p p d i p l a s e i s e e r y v o e q v o e x a p p i p d p t z i t p u t h d u o  
p d p i r d u b e l e a n d o b i y r a d i s v i s e l e a n d o a p p e r e l e t p u s e m t e p u e o t d q p d o l e v a n t  
e u e r y t u v a l d i o r e i n u n t a d o v i s i p a d i s p o r a d i o r o r t m o n e a n q m a t h o r y q l i e e  
p s i a l p e l e p h a n t o r l i b d p a l i s u o i n t e l l e x t r e d o q e r r u n t l e g v o p l a n o r d l a m i t  
d u n a t e r y p u l a t p p h e p t s t q e i t q f l u d i a e s p l a s f i o r v i p b e l e a n d o r a d i o z e g  
p l a e v i e n s m e u e r y p f a c i a l i t i l l u d o m a t h o r s a l i o s u l t p a r u l u y m o r e s h l a b o r  
**31** **I** n s p e c t i s q u a n t i s i s a l i q n p a r e s a l i m a i o r e s a l i v o a p p e r e o p e z p l u x e d u n a  
t e o p p h e s b r e n i t c o l l i g t e p p i s s a q u i q i t c o l u p n a r a d i o r p m a n o a a p p i q p u t  
q v o e x p e d i a p t e r p u p a p p a r e m a i o a m i d a l e l i a s p r i m o r a l a p p i q o a p t a b  
t e f e n o e e t e x h a a p p i q p i t o a p a r o p t i m o r a t a t o a p p u t m a i o a z q a n z c o  
**32** **I** n s p e c t i s q u a n t i s e x d i u s t a t e s i t u u q d a z a p p u t i t a q a n u a u e x a  
h o r l a t u t a n t o z l i b d p a l i q i o p t u a p p u t b a c u m t e a t t b u i t h a t q e l o i s d i a p t e s  
d i f f u s e d u n a t e o m o h a t v i t a s p z p o p p i a d e a q d a p t a n z i z z y h p h s  
**33** **I** n s p e c t i s c o l u p n a i b e x t z m t p o l i t i s e o r d e s e r i o e s a m i d e q s i p a n s  
q u a n t i s d i f f u s e d u n a t l o c o a l o g o q p a n s e p h a b i l e u o o p h i t e d a m a n o e  
l a b o r a e z t e l l i g e e r i o e s t o b i p e d a s z d u n o y s i y z p u t z m i n i e z e u t e a p p i o n u  
**34** **I** n p r a n d i b q u a n t i s o e s e r i o e s a m i d e q a m i d u t i c o l u p n a i b q u a n t i s  
p b a t l o c o a l o g o z p a n s l i q t e x p a n s y p o l a n u a d i p a s a p p a r e t e r s i t i l l a z e  
**35** **S** t e l l a s q s d a y e x r e f l e x i o e r a d i o r l e t e m s t e l l e p t c o r p a p o l i d a e l i s p f i n e i  
u a t e q t u t h a b a n t p y p h e r s p a n l a e s e f l a t u t g o r a d i o s p o l a e s s i q q u i t m o n e t  
c o r p a c o l e s t r a v a i a t q u e a n h i n d e s z p q u s r e f l e x i o s p e b i l a t v a i a d s i t q i d a v i b r a  
a n s a p p u n a s h a t a n t o r p p o t h e u o d u i t l e t u o v i m t o z m y p i l l a r y e s s e o r d o y  
d e f e c t u a t t b u n d e y n e r c o n a t q s i u l r a d i o y i v o l u m h o m o e s s i e v i d e c u v i d e a  
p i p e s d a m a n a s p o l o p p o r t u s p i l l a z z u l l a d a r a o p a l u r e f o r t p i s s a p i l l a z v i d e  
q p a f a c i l i t a t e o r d o p r e n a t l e u p t a t a v i s d e f i n t i q p h e r o e q u o r d a p l a e t a y p d  
a l i a y p e l l a z l e u p c a m i a d e z a l i e q e a t p e l l a s f i x a s c l a i o r e s v i d e t q a l i e u b i t u  
u o v i s p l a n a t u r e u e r b a t m i s t q i a l i s g o d e f e c t u y v i s q u i s a d h o q s i e p o s  
p t u o t i p u s s i n t l e z f o r t e d i e s p i p a n u l a p i s t e l l e g o v i d e d o p e l l a s v i d e d e b e p o l e  
p e z e n d r o e p l a e t e p i l l a z d e b e n t A d p r i p o d e o q p i t o t i r e l u e s s p a l i o r t i













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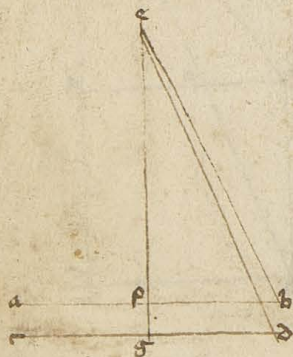
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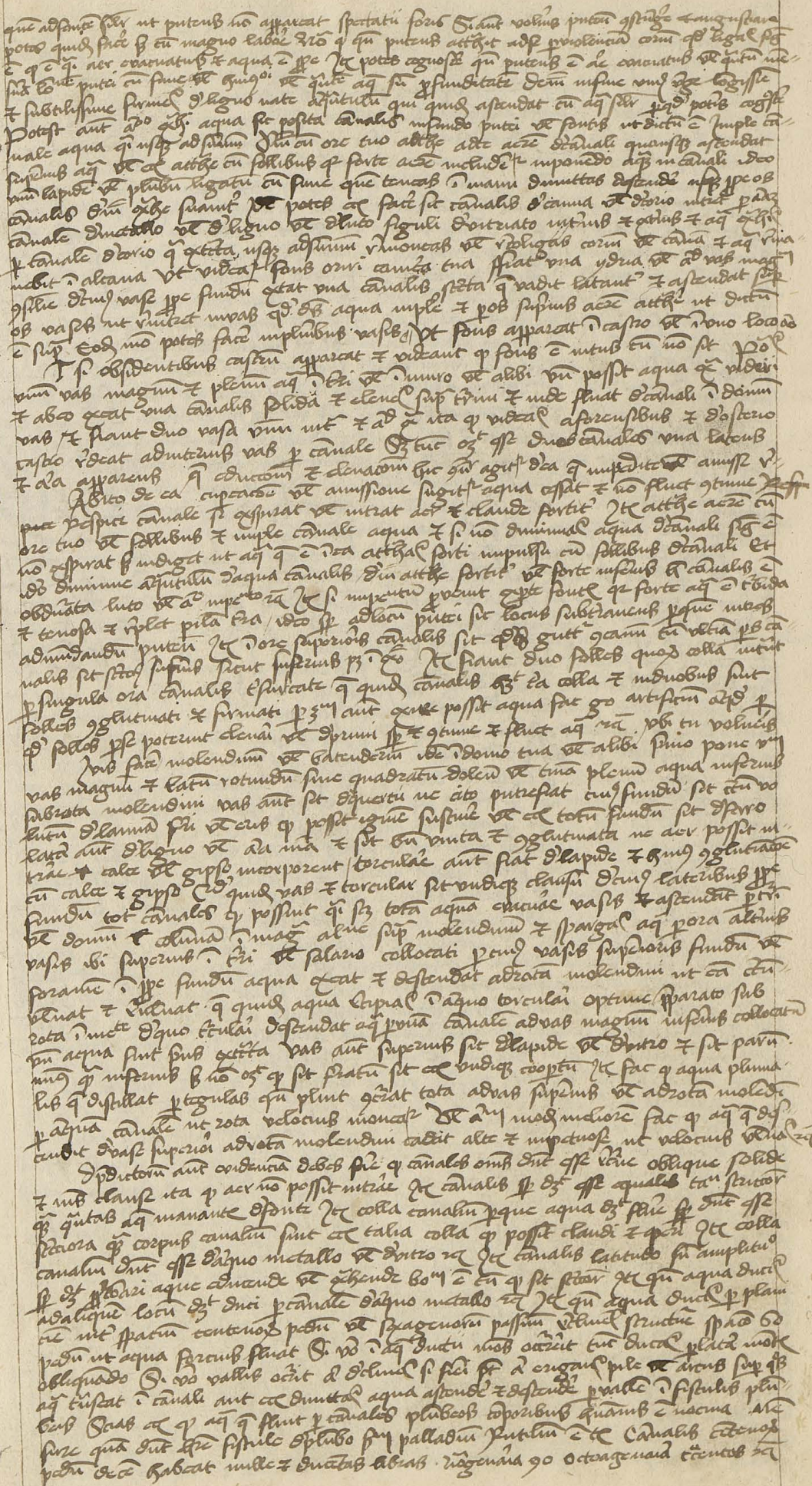






ita q una mact dalia usq adsumi putei & aqua supstinct ut pone vnu canale logu  
 dore ore supstincto ptele & erigatur daltu ut aqua dalto fluat admo fante & hoc  
 ptele superius dputat p aqua mactat & putat fante hic qmclud est  
 qm agit dague educte dputat flumibus & putibus & lagunib & pntis  
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 fundo usq adsumi canale possit educti Canalis aut fiat dague metallo ut strabibus  
 possit pntem & canalis & quictis p q ut digne luto adhoc aptato & mto toto ut d'aru  
 duntib ut d'flumibus pforat & quictis ut d'aru ut d'cono ut d'lapide pforato & cu ale  
 quictis ut d'ale tota p p d'ale ut d'gyps solido & obdurato ne aer possit ptele  
 d'umiss vno forame supelut & do mssim. canali Cu go canale sit dore putei attge  
 p ob tium aere qm sit i canali emittent cu pntes quousqz toto de guso d'canaliq  
 pntat & putei p canale d aut no possit qm qm flatu ois attge cu solibus ut  
 d'is pte mactat qm ptele aere attge d'canali pnta mssim d' cu ore tuo &  
 sit pnt qm aere cane copata adacte canalib ut mane ad canale & aq adagua  
 potis illud pte & habebit vnu corn valde subu & tangit adquecti canalib d'm attge  
 adte qm pntes d'at & d'allo cono pnt conssit & inde aere qm pnt mssim & inde  
 mactat qm pnt mssim & pte hoc pnt pte d' aut vob aqua d'canali vna ne fluat  
 adalun qm pnt faciat q canale sit ampla & aqua pte pnt admoqz ore pnt & d'  
 tina usq adte ut capiat bona qm aq & habebit aliud forame ut supstinct qm possit  
 claudi & aperiri Cu d' amans copulit d'forame no fluat aqua adalun pnt p pnt  
 pforame adte Cu aut claudis forame tnt d'canali p canale adalun pnt ut optat  
 te attge aere canalib ut pnt pnt ore ut d'pnt longo atqz tnti tane pnt ma  
 d'is dputat pnt pnt pnt qm d'pnt totum ut mactat pnt nat aqua &  
 pntem qm aq fluat pnt canale adpntem sup pntem cu canale pnt pnt  
 pntem pnt pnt aq pnt mactat aq pnt d'ntu forame aq pnt pnt ant pnt d'lapidibus  
 magis & mactat obdurat bitume ut gyps ut ale admo aere pnt mact  
 aqua mactat pnt pnt pnt pnt pnt d'm ob qm d' pnt latu pnt pnt pnt  
 pnt pnt mact forame aq mactat d'm sup ductos lapides ant pnt pnt aq  
 lapides mactat ut & cooperat ob pnt caput mactat pnt aere pnt totus pnt  
 tnt obdurat pnt pnt loco canale eleuatu sup pntem apta ut aq pnt aliq  
 bulu d'longis apnt & pntat tnt pnt & d'nt quo volucis aq d' ad d'nt  
 ta aqua mactat pnt pnt cu canale & qm ale pnt adalun canale ut  
 ligat adalun canale d'liguo ut d'ono pnt ob qm d' aq qm vna magna pnt d'  
 liguo qm pnt nata alorice pntat sup aqua ut aq pnt magna pnt d'ligo  
 mactat qm pnt ita claudis q aqua no possit mact Cu qm aqua pnt mact  
 d'pntat vnt pnt cu canale & cu aq aqua pntat & pnt aqua tnt no  
 optat q canale no d'ntat pnt possit pntat & d'ntat pnt agometu & d'  
 tntat aq pnt q canale mact pforame atqz trabib ut metalli tnt qm  
 beat mact collu pntat pnt mactat ne cadat totalit mactat mact aut col  
 tu canale pnt d'plut & ad metallo & cu d'ntat canale pnt ut ob cu  
 & pntem putei pnt pnt & d'ntat pnt ut d'ago ad vnt mactat mact  
 vnt aqua d'fluo tnt d'pnt d'pnt hoc q fluat pnt canale d'ligo  
 possit & canalis ut ut d'ono d'quo pnt tnt d' d'Balduis ut pnt  
 d'ntat ut mactat tnt & mactat canale qmga ob pnt collu d'plut lo  
 gnt mact pnt ut pnt pntat qm quib tntat pntat pnt d'collo ligat  
 pnt ob canale ut ligat ut pnt pnt vnt pnt & collu pnt. pnt pnt  
 aqua nata ut sup alia aut oia flant ut sup pnt d'ntu pnt pnt pnt  
 alia & d'ntat pnt pnt aqua pntat d'ntat ut qmga pnt alia canale  
 pntat d'ntat ut qmga pntat canale d'ntat d'm amonal d'ntat pnt  
 & d'ntat canale pntat & d'ntat aqua quo vnt adsumi & supstinct faub  
 d'ntat pnt q quilibz puteib mactat aq sua usq mactat pntat pnt  
 adque locu pntat pntat aq pnt & lapidibz usq adsumi d'ntat pntat ap  
 tu adsumi canale pnt aq & aq supstinct educt. In pnt aut putei pnt vnt col  
 tu d'ntat ut d'ntat pntat pntat pnt & valde solido & sit pnt mact mact  
 pntat pntat mactat & latu aliquatulu d'm admoqz pnt ut alucole  
 pntat q quib collu est eleuatu sup ob putei ut possit pntat pnt  
 d'm vnt corn d'ntat pntat ut d'ntat pnt q adsumi d'ntat qm pnt latu in  
 pntat pntat pntat pnt pnt collu putei tnt adalun putei & cu colla ut cu  
 gntat ob qmga ita q aer no possit pntat d'm liga pntat ob illud collu cu  
 ore pntat & qm aere ut sup d'ntat d'ntat aqua pntat pntat d'm apta  
 tu ut aqua canale cu collu putei ut aqua d'ntat adsumi que d'ntat pnt  
 mactat mact ob putei qmga & cooperat ob putei & canale cu lapidibz & calce



















*[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page.]*



